

BOLITCH

Technical Data Sheets

10 product lines | 25 SKUs | 13 data sheets | Version 1.0 | Issued 24 September 2026

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BOLITCH Long-Life Engine Coolant | Borate–Organic Acid Hybrid | 101 °C

Models: BLC-CL-001-12B / -002-12B / -003-12B / -004-12B / -005-12B / -006-12B / -007-12B (2 kg x 12 per carton) | BLC-CL-009-2D / -012-2D (10 kg x 2 per carton) | BLC-CL-010-2D (5 L x 4 per carton) | BLC-CL-4D (4 L x 6 per carton) | BLC-CL-013-1D (10 kg x 1 per carton) | BLC-CL-014-12B (oil-based, 2 kg x 12 per carton)
Document TDS-CL-01 | Version 1.0 | Issued 24 September 2026

1. Product description

Water-based / oil-based long-life engine coolant (Borate–Organic Acid Hybrid inhibitor technology).

Inhibitor system: borate (boric-acid based) as the primary high-efficiency inhibitor forms a dense passivation film on metal surfaces; synergised with organic acids for low-depletion, long-life protection; amine-free, silicate-free and phosphate-free.

Colour: Blue / Red / Green (custom colours available).

2. Typical properties

Product Type	Water-based / oil-based long-life engine coolant (Borate–Organic Acid Hybrid inhibitor technology)
Inhibitor Technology	Borate–Organic Acid Hybrid system: borate (boric-acid based) as the primary high-efficiency inhibitor; synergised with organic acids; amine-free, silicate-free and phosphate-free
Colour	Blue / Red / Green (custom colours available)
Freezing Point, °C	0 (water-based series, BLC-CL-001 to -013; no freeze protection) -1 (BLC-CL-014-12B, oil-based formula)
Boiling Point, °C	101 (atmospheric pressure)
pH Value	8.6 (7.5-10.5)
Reserve Alkalinity, mL	≥10
Density @20 °C, g/cm³	1.00-1.05
Chloride, mg/kg	≤25
Ash Content, %	≤2.0
Foaming (ASTM D1881)	Foam volume ≤150 mL, break time ≤5 s
Glassware Corrosion (ASTM D1384)	Copper / brass / steel / cast iron ≤10 mg per coupon, solder ≤30, cast aluminium ≤30 (336 h)
Cast Alu Heat-Rejecting Corrosion (ASTM D4340)	≤1.0 mg/cm ²
Effect on Rubber & Plastics	No swelling, shrinkage or hardening; compatible with common sealing materials
Recommended Service Life	3 years or 300,000 km (follow the vehicle manufacturer's manual)

Values are typical for the formulation and are not guaranteed specification limits. Bracketed references indicate the test method the value is expressed by. A Safety Data Sheet (SDS / MSDS) is supplied per formulation.

3. Packaging, weight and logistics

Packing	N.W / unit	N.W / carton	G.W / carton	Models
2 kg bottle x 12 / carton	2 kg	24 kg	25 kg	BLC-CL-001/002/003/004/005/006/007-12B, BLC-CL-014-12B
10 kg jerrican x 2 / carton	10 kg	20 kg	21 kg	BLC-CL-009-2D, BLC-CL-012-2D
4 L jug x 6 / carton	4 kg	24 kg	25 kg	BLC-CL-4D
5 L drum x 4 / carton	5 kg	20 kg	21 kg	BLC-CL-010-2D (alternative drum design)
10 kg jerrican x 1 / carton	10 kg	10 kg	11 kg	BLC-CL-013-1D
HS code	3820.00			
Shelf life / storage	3 years (unopened, stored in a cool, dry place away from direct sunlight)			

4. Recommended applications

Formulated for the cooling systems of most passenger cars, SUVs and light commercial vehicles, and also suitable for water-cooled circulating systems in construction machinery, generator sets and marine engines.

Built on Borate–Organic Acid Hybrid inhibitor technology, it forms a dense passivation film on metal surfaces and delivers a 101 °C atmospheric boiling point for boil-over protection, long-life corrosion inhibition and scale control - engineered for tropical, subtropical and frost-free regions (Southeast Asia, South Asia and most of Africa).

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Freezing point 0 °C (water-based series) and -1 °C (oil-based BLC-CL-014-12B), neither offering freeze protection - for regions above 0 °C only; service life up to 3 years or 300,000 km, year-round with no seasonal change-over. For cold climates, choose our -25 °C / -45 °C antifreeze grades.

5. Use, handling and safety

Ready to use, do not dilute. Boiling point 101 °C (atmospheric). Freezing point 0 °C for the water-based series and -1 °C for the oil-based BLC-CL-014-12B; neither grade offers freeze protection, so both are intended for frost-free regions above 0 °C, used year-round with no seasonal change-over. Drain and flush the cooling system before filling.

Handling, personal protection, first aid and transport classification are given in the Safety Data Sheet (SDS / MSDS) supplied per formulation.

6. Documents supplied

Safety Data Sheet (SDS / MSDS) - supplied per formulation, available on request. | This Technical Data Sheet. | Other export documents supplied per shipment as required for customs clearance.

7. Standards and test methods referenced

Standards referenced in formulation and testing:

- GB 29743 - Motor vehicle engine coolant
- Borate-based inhibitor technology - stable pH buffering, suppresses bacterial growth and extends coolant service life

Test methods referenced:

- ASTM D1384 - glassware corrosion test (336 h)
- ASTM D4340 - cast aluminium heat-rejecting corrosion test
- ASTM D1881 - foaming tendency test

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8. Performance highlights

- Borate–Organic Acid Hybrid formula - long-life protection up to 3 years / 300,000 km
- 101 °C atmospheric boiling point; with the system pressure cap it further suppresses boil-over - engineered for hot tropical climates and stop-and-go traffic
- Borate-based inhibitor forms a dense passivation film protecting all six metals - copper, brass, solder, steel, cast iron and cast aluminium - with low deposit and low depletion
- Excellent scale and deposit control - keeps water jackets, radiators and water pumps clean
- Strong pH-buffering keeps a stable alkaline reserve over time, suppressing acidification and bacterial growth
- Fully miscible with other coolants of the same type - safe for top-up

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BOLITCH Long-Life Antifreeze Coolant | OAT | -45 °C | Boil-over ≥109 °C

Models: BLC-CL-016-12B / -017-12B / -018-12B (2 kg x 12 per carton) | BLC-CL-019-1D (9 kg x 1 jerrican per carton)

Document TDS-CL-02 | Version 1.0 | Issued 24 September 2026

1. Product description

Ethylene glycol long-life antifreeze coolant (OAT organic acid technology, oil-based formula). Amine-free, borate-free, silicate-free and phosphate-free.

Colour: Blue / Red / Green (custom colours available).

2. Typical properties

Product Type	Ethylene glycol long-life antifreeze coolant (OAT, oil-based formula)
Inhibitor Technology	OAT - amine-free, borate-free, silicate-free and phosphate-free
Colour	Blue / Red / Green (custom colours available)
Freezing Point, °C	-45 (-5 / -15 / -25 / -35 / -45 available on request)
Boiling Point, °C	≥109
pH Value	8.6 (7.5-10.5)
Reserve Alkalinity, mL	≥10
Density @20 °C, g/cm³	1.070-1.085
Chloride, mg/kg	≤25
Ash Content, %	≤2.0
Foaming (ASTM D1881)	Foam volume ≤150 mL, break time ≤5 s
Glassware Corrosion (ASTM D1384)	Copper / brass / steel / cast iron ≤10 mg per coupon, solder ≤30, cast aluminium ≤30 (336 h)
Cast Alu Heat-Rejecting Corrosion (ASTM D4340)	≤1.0 mg/cm ²
Effect on Rubber & Plastics	No swelling, shrinkage or hardening; compatible with common sealing materials
Recommended Service Life	5 years or 300,000 km (follow the vehicle manufacturer's manual)

Values are typical for the formulation and are not guaranteed specification limits. Bracketed references indicate the test method the value is expressed by. A Safety Data Sheet (SDS / MSDS) is supplied per formulation.

3. Packaging, weight and logistics

Packing	N.W / unit	N.W / carton	G.W / carton	Models
2 kg bottle x 12 / carton	2 kg	24 kg	25 kg	BLC-CL-016-12B, -017-12B, -018-12B
9 kg jerrican x 1 / carton	9 kg	9 kg	10 kg	BLC-CL-019-1D
HS code	3820.00			
Shelf life / storage	3 years (unopened, stored in a cool, dry place away from direct sunlight)			

4. Recommended applications

Formulated for the cooling systems of most passenger cars, 4x4 / SUV and light commercial vehicles, and also suitable for water-cooled circulating systems in construction machinery, generator sets and marine engines.

The -45 °C grade delivers dependable freeze protection in severe-winter regions, long-haul winter transport and cold-store / cold-chain fleets, while retaining a ≥109 °C boiling point for boil-over protection.

Freeze points of -5 / -15 / -25 / -35 / -45 °C can be tailored to your market's climate. Do not mix long-term with conventional IAT (inorganic) coolants.

5. Use, handling and safety

Ready to use, do not dilute. The -45 °C freeze point suits severe-winter regions and long-haul winter transport. Drain and flush the cooling system before filling.

Handling, personal protection, first aid and transport classification are given in the Safety Data Sheet (SDS / MSDS) supplied per formulation.

6. Documents supplied

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Safety Data Sheet (SDS / MSDS) - supplied per formulation, available on request. | This Technical Data Sheet. | Other export documents supplied per shipment as required for customs clearance.

7. Standards and test methods referenced

Standards referenced in formulation and testing:

- GB 29743.1-2022 - Motor vehicle engine coolant
- ASTM D3306 - Standard Specification for Glycol Base Engine Coolant
- JIS K2234 - Engine antifreeze coolant

Test methods referenced:

- ASTM D1384 - glassware corrosion test (336 h)
- ASTM D4340 - cast aluminium heat-rejecting corrosion test
- ASTM D1881 - foaming tendency test

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8. Performance highlights

- Ethylene glycol base with OAT inhibitors - long-life protection up to 5 years / 300,000 km
- -45 °C freeze protection plus 109 °C boil-over protection - all-weather, year-round confidence
- Outstanding corrosion protection for all six metals: copper, brass, solder, steel, cast iron and cast aluminium
- Low-silicate, low-chloride formula - compatible with aluminium blocks, radiators and rubber hoses
- Fully miscible with other OAT coolants of the same type - safe for top-up
- Amine-free, borate-free and phosphate-free - low toxicity, kind to water-pump seals

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BOLITCH Ready-to-Use Windshield Washer Fluid | Neutral Formula | 0 °C

Models: BLC-CLN-001 (1 kg x 24 bottles per carton)
Document TDS-CL-03 | Version 1.0 | Issued 24 September 2026

1. Product description

Water-based windscreen washer fluid, grade WW-0. Ready-to-use, no dilution required.

2. Typical properties

Product Type (GB/T 23436)	Water-based washer fluid, grade WW-0
Form	Ready-to-use washer fluid (no dilution required)
Freezing Point, °C	≤0
pH Value (SH/T 0069)	6.5-10.0 (neutral formula)
Methanol Content, mg/L	≤200
Surface Tension, mN/m	≤48
Mechanical Impurities	None
Appearance	Brightly coloured liquid, free from separation, sediment and suspended matter
Metal Corrosion (50 °C, 48 h)	Aluminium ±0.20 / brass ±0.10 / galvanised steel ±0.50 mg/cm ²
Effect on Rubber	No tackiness, blistering or carbon-black bleed; hardness change ±5.0 IRHD
Effect on Vehicle Paint	Film hardness ≥HB, no softening or blistering of the paint film

Values are typical for the formulation and are not guaranteed specification limits. Bracketed references indicate the test method the value is expressed by. A Safety Data Sheet (SDS / MSDS) is supplied per formulation.

3. Packaging, weight and logistics

Packing	N.W / unit	N.W / carton	G.W / carton	Models
1 kg bottle x 24 / carton	1 kg	24 kg	25 kg	BLC-CLN-001
HS code	3402.20			
Shelf life / storage	3 years (unopened, store away from heat and direct sunlight)			

4. Recommended applications

Suits the windscreen washer systems of all passenger cars, commercial vehicles and construction machinery.

Ready to use straight from the bottle - no dilution needed, just fill the reservoir. It quickly removes dust, bug residue, tree sap, bird droppings and light oil film, keeping the windscreen clear.

The neutral, mild formula will not harm wiper blades, paintwork, washer jets or hoses. The 0 °C grade is for use above 0 °C (spring / summer and tropical markets); for severe cold choose our -25 °C / -40 °C winter grades.

5. Use, handling and safety

Ready to use - fill the washer reservoir directly, no dilution needed. For use above 0 °C.

Handling, personal protection, first aid and transport classification are given in the Safety Data Sheet (SDS / MSDS) supplied per formulation.

6. Documents supplied

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7. Standards and test methods referenced

Standards referenced in formulation and testing:

- GB/T 23436-2025 - Windscreen washer fluid for automobiles, water-based grade WW-0
- GB 15085 - Performance requirements for automotive windscreen wipers and washers
- Methanol limit ≤200 mg/L, per the current national standard limit

Test methods referenced:

- SH/T 0069 - pH value

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8. Performance highlights

- Neutral, mild formula - safe on wiper blades, paintwork, hoses and washer jets
- Low methanol (≤ 200 mg/L) - safer to use and kinder to the environment
- Strong cleaning power - breaks down bug residue, tree sap, bird droppings and light oil film fast
- Low surface tension (≤ 48 mN/m) - spreads fast, leaves no streaks and never blocks your view
- Compatible with rubber, plastics, metals and automotive organic coatings
- Ready-to-use - pour straight in, no mixing required

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BOLITCH Diesel Exhaust Fluid | DEF / AdBlue / AUS 32

Models: BLC-UR-001-2D (10 kg x 2 jerricans per carton)
Document TDS-UR-01 | Version 1.0 | Issued 24 September 2026

1. Product description

Diesel engine NOx reduction agent - urea aqueous solution (AUS 32). High-purity DEF for China V / China VI (Euro V / VI equivalent) SCR systems.

2. Typical properties

Product Name	Diesel engine NOx reduction agent - urea aqueous solution (AUS 32)
Urea Content, % by mass	31.8-33.2 (target 32.5)
Density @20 °C, kg/m³ (SH/T 0604)	1087.0-1093.0 (target 1090.0)
Refractive Index (20 nD, GB/T 614)	1.3814-1.3843 (target 1.3829)
Alkalinity as NH₃, %	≤0.2
Biuret, %	≤0.3
Aldehydes as HCHO, mg/kg	≤5
Insolubles, mg/kg	≤20
Phosphate as PO₄, mg/kg	≤0.5
Metal Ions, mg/kg	Ca / Fe / Al / Mg / Na / K ≤0.5; Cu / Zn / Cr / Ni ≤0.2
Appearance	Colourless, clear liquid, free from suspended matter and mechanical impurities
Crystallisation Point, °C	-11 (characteristic value of AUS 32)

Values are typical for the formulation and are not guaranteed specification limits. Bracketed references indicate the test method the value is expressed by. A Safety Data Sheet (SDS / MSDS) is supplied per formulation.

3. Packaging, weight and logistics

Packing	N.W / unit	N.W / carton	G.W / carton	Models
10 kg jerrican x 2 / carton	10 kg	20 kg	21 kg	BLC-UR-001-2D
HS code	3102.10			
Shelf life / storage	12-24 months (store at 5-25 °C, protected from light, depending on pack and storage conditions)			

4. Recommended applications

Intended for China V / China VI (Euro V / VI equivalent) diesel engines equipped with SCR (Selective Catalytic Reduction) systems - heavy-duty trucks, buses, construction and agricultural machinery, marine engines and generator sets.

It converts nitrogen oxides (NOx) in the exhaust into nitrogen and water, cutting tailpipe emissions and preventing the torque-limiting that follows an out-of-compliance reading.

Store at 5-25 °C, protected from light. Freezing and thawing does not affect quality, but the product must be fully thawed and homogenised before use.

5. Use, handling and safety

Fill only the dedicated DEF / AdBlue tank - never the diesel tank. Keep away from sunlight and high temperatures. Do not mix with diesel, water or any other liquid.

Handling, personal protection, first aid and transport classification are given in the Safety Data Sheet (SDS / MSDS) supplied per formulation.

6. Documents supplied

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7. Standards and test methods referenced

Standards referenced in formulation and testing:

- GB 29518-2013 - Diesel engine NOx reduction agent, urea aqueous solution (AUS 32)

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- ISO 22241 - Diesel engines, NOx reduction agent AUS 32
- DIN 70070 - NOx reduction agent AUS 32
- VDA AdBlue / API DEF / CGT schemes are referenced as market benchmarks only - no licence or marking authorisation is held

Test methods referenced:

- SH/T 0604 - density
- GB/T 614 - refractive index

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8. Performance highlights

- Blended from high-purity AUS 32 grade urea and ultra-pure water at a precise 32.5 % concentration
- Ultra-low metal ion and impurity levels - prevents clogging and poisoning of SCR injectors, lines and catalysts
- Tight control of biuret, aldehydes and insolubles - protects the on-board DEF pump
- Consistently reduces NOx emissions - avoids torque limiting, speed limiting and fault warnings
- Compatible with all SCR system materials - non-corrosive, no crystallisation blockages
- 10 kg x 2 jerricans per carton - easy to handle, stack and pour

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BOLITCH Fully Synthetic Manual Transmission Fluid | SAE 75W-90 | API GL-4

Models: BLC-OL-001 (1 kg x 16 bottles per carton)

Document TDS-OL-01 | Version 1.0 | Issued 24 September 2026

1. Product description

Fully synthetic manual transmission fluid, viscosity grade SAE 75W-90, performance level API GL-4.

2. Typical properties

Product Type	Fully synthetic manual transmission fluid
Viscosity Grade (SAE J 306)	SAE 75W-90
Performance Level	API GL-4
Kinematic Viscosity @100 °C	14.1 mm ² /s (ASTM D445)
Kinematic Viscosity @40 °C	76 mm ² /s (ASTM D445)
Viscosity Index	190 (ASTM D2270)
Pour Point, °C	-42 (ASTM D97)
Flash Point (COC), °C	205 (ASTM D92)
Density @20 °C, kg/L	0.862 (ASTM D4052)
Copper Strip Corrosion (121 °C, 3 h)	Class 1b (ASTM D130)
Appearance	Amber, clear liquid

Values are typical for the formulation and are not guaranteed specification limits. Bracketed references indicate the test method the value is expressed by. A Safety Data Sheet (SDS / MSDS) is supplied per formulation.

3. Packaging, weight and logistics

Packing	N.W / unit	N.W / carton	G.W / carton	Models
1 kg bottle x 16 / carton	1 kg	16 kg	17 kg	BLC-OL-001
HS code	2710.19			
Shelf life / storage	3 years (unopened, stored indoors)			

4. Recommended applications

Suits the manual gearboxes and synchronised transmissions of passenger cars, SUVs, MPVs, pick-ups and light to medium commercial vehicles, as well as transfer cases and some light-duty drive axles calling for API GL-4.

It is formulated to protect yellow metals (copper / brass synchroniser rings): it contains none of the aggressive sulphur-phosphorus EP additives found in GL-5 fluids, so it avoids the synchro corrosion that causes notchy shifting and gear clash.

Not recommended for heavy-duty hypoid axles that explicitly require API GL-5. Always follow the vehicle manufacturer's service manual.

5. Use, handling and safety

Fill to the level specified in the vehicle handbook. Do not mix with API GL-5 products.

Handling, personal protection, first aid and transport classification are given in the Safety Data Sheet (SDS / MSDS) supplied per formulation.

6. Documents supplied

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7. Standards and test methods referenced

Standards referenced in formulation and testing:

- API GL-4 performance level for manual transmission fluids
- SAE J 306 viscosity classification 75W-90
- Suitable for synchronised gearboxes calling for a GL-4 fluid such as VW 501.50

Test methods referenced:

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- ASTM D445 - kinematic viscosity
- ASTM D2270 - viscosity index
- ASTM D97 - pour point
- ASTM D92 - flash point (COC)
- ASTM D4052 - density
- ASTM D130 - copper strip corrosion

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8. Performance highlights

- Fully synthetic base oils with a high viscosity index - stable at both temperature extremes, all-season use
- Excellent synchroniser compatibility - protects copper / brass synchro rings for smooth, notch-free shifting
- Outstanding anti-wear and extreme-pressure performance - longer life for gears, bearings and synchronisers
- Superior thermal-oxidative and shear stability - extended drain intervals
- Excellent low-temperature fluidity (pour point -42 °C) - easy cold shifts and instant lubrication at start-up
- Rust and corrosion protection for every internal metal component

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BOLITCH Power Steering Fluid | ATF 220 | Dexron II / II D level

Models: BLC-OL-002 (1 kg x 16 bottles per carton)

Document TDS-OL-02 | Version 1.0 | Issued 24 September 2026

1. Product description

Power steering fluid / automatic transmission fluid, viscosity grade ATF 220 (Dexron II / II D level).

2. Typical properties

Product Type	Power steering fluid / automatic transmission fluid
Viscosity Grade	ATF 220 (Dexron II / II D level)
Kinematic Viscosity @100 °C	7.0 mm ² /s (ASTM D445)
Kinematic Viscosity @40 °C	37 mm ² /s (ASTM D445)
Viscosity Index	153 (ASTM D2270)
Brookfield Viscosity @-40 °C	33,000 mPa·s (ASTM D2983)
Pour Point, °C	-44 (ASTM D97)
Flash Point (COC), °C	200 (ASTM D92)
Density @15 °C, kg/L	0.870 (ASTM D4052)
Colour	Red

Values are typical for the formulation and are not guaranteed specification limits. Bracketed references indicate the test method the value is expressed by. A Safety Data Sheet (SDS / MSDS) is supplied per formulation.

3. Packaging, weight and logistics

Packing	N.W / unit	N.W / carton	G.W / carton	Models
1 kg bottle x 16 / carton	1 kg	16 kg	17 kg	BLC-OL-002
HS code	2710.19			
Shelf life / storage	3 years (unopened, stored indoors)			

4. Recommended applications

Intended for the power steering systems of passenger cars and light commercial vehicles calling for Dexron II / II D, and for the corresponding automatic transmissions and some manual gearboxes.

Also suitable for the steering and hydraulic systems of agricultural and construction machinery, and for certain industrial hydraulic systems and components.

Not suitable for modern automatic transmissions that require newer low-viscosity fluids such as Dexron VI or Mercon LV. Always follow the vehicle manufacturer's service manual.

5. Use, handling and safety

Fill to the level specified in the vehicle handbook. A circulation flush is recommended at fluid change.

Handling, personal protection, first aid and transport classification are given in the Safety Data Sheet (SDS / MSDS) supplied per formulation.

6. Documents supplied

Safety Data Sheet (SDS / MSDS) - supplied per formulation, available on request. | This Technical Data Sheet. | Other export documents supplied per shipment as required for customs clearance.

7. Standards and test methods referenced

Standards referenced in formulation and testing:

- Developed to the performance level of GM Dexron II / Dexron II D
- Allison C-4 | Caterpillar TO-2 | Ford ESR-M2C163-A2 (M2C163-A) | GM Type A Suffix A
- MB 236.7 | MAN 339 V1 / Z1 | ZF TE-ML 04D / 11A / 14A
- No OEM approval or licence for any of the above specifications is held or implied

Test methods referenced:

- ASTM D445 - kinematic viscosity

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- ASTM D2270 - viscosity index
- ASTM D2983 - Brookfield viscosity
- ASTM D97 - pour point
- ASTM D92 - flash point (COC)
- ASTM D4052 - density

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8. Performance highlights

- Stable, well-balanced frictional properties - light steering effort and smooth, shock-free shifts
- Excellent low-temperature fluidity (pour point -44 °C) - instant steering response on a cold start
- Strong oxidation and thermal stability - resists sludge, varnish and deposit formation
- Good foam control and air release - prevents pump cavitation, noise and leakage
- Compatible with common seal materials - prevents seal shrinkage and fluid loss
- Anti-wear and anti-corrosion - longer service life for the pump, valve body and hydraulic components

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BOLITCH Brake Fluid DOT 3 | ERBP ≥ 205 °C | WERBP ≥ 140 °C

Models: BLC-OL-003 (1 kg x 20 bottles per carton)

Document TDS-OL-03 | Version 1.0 | Issued 24 September 2026

1. Product description

Polyglycol ether synthetic brake fluid. Dry boiling point (ERBP) ≥ 205 °C, wet boiling point (WERBP) ≥ 140 °C, viscosity at -40 °C ≤ 1500 mm²/s. For conventional hydraulic braking systems.

2. Typical properties

Grade	DOT 3
Chemistry	Polyglycol ether
Equilibrium Reflux Boiling Point (ERBP), °C	≥ 205
Wet Equilibrium Reflux Boiling Point (WERBP), °C	≥ 140
Kinematic Viscosity @100 °C	≥ 1.5 mm ² /s
Kinematic Viscosity @-40 °C	≤ 1500 mm ² /s
pH Value	7.0-11.5
Appearance	Pale yellow to amber, clear liquid
Recommended Change Interval	2 years or 40,000 km (follow the vehicle manufacturer's manual)

Values are typical for the formulation and are not guaranteed specification limits. Bracketed references indicate the test method the value is expressed by. A Safety Data Sheet (SDS / MSDS) is supplied per formulation.

3. Packaging, weight and logistics

Packing	N.W / unit	N.W / carton	G.W / carton	Models
1 kg bottle x 20 / carton	1 kg	20 kg	21 kg	see models
HS code	3819.00			
Shelf life / storage	2-3 years (unopened, stored indoors away from light)			

4. Recommended applications

Suits the conventional hydraulic braking systems (drum and disc) of passenger cars and light commercial vehicles, and hydraulically operated clutch systems.

Brake fluid is hygroscopic - use promptly after opening and keep the container tightly sealed. Never mix with silicone-based DOT 5 or with mineral-oil brake fluids. Always follow the vehicle manufacturer's service manual.

5. Use, handling and safety

Fill directly to the mark on the brake fluid reservoir. Do not mix with other brands or grades; replace promptly once the fluid has absorbed moisture.

Handling, personal protection, first aid and transport classification are given in the Safety Data Sheet (SDS / MSDS) supplied per formulation.

6. Documents supplied

Safety Data Sheet (SDS / MSDS) - supplied per formulation, available on request. | This Technical Data Sheet. | Other export documents supplied per shipment as required for customs clearance.

7. Standards and test methods referenced

Standards referenced in formulation and testing:

- FMVSS No. 116 - DOT 3
- SAE J1703
- ISO 4925 - Class 3
- GB 12981-2012 - HZY3

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representative; we support it with samples, technical documentation and translations.

8. Performance highlights

- High boiling point formulation - prevents vapour lock and brake fade for safer driving
- Excellent low-temperature fluidity - responsive braking even at -40 °C
- Complete corrosion inhibition - protects steel, cast iron, aluminium, brass, copper, zinc and tinplate
- Compatible with SBR / EPDM rubber seals - no swelling, hardening or shrinking of cups
- Large wet boiling point margin - retains a wide safety reserve after moisture absorption

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BOLITCH Brake Fluid DOT 4 | ERBP ≥ 230 °C | WERBP ≥ 155 °C

Models: BLC-OL-004 (1 kg x 20 bottles per carton)

Document TDS-OL-04 | Version 1.0 | Issued 24 September 2026

1. Product description

Polyglycol ether borate ester synthetic brake fluid. Dry boiling point (ERBP) ≥ 230 °C, wet boiling point (WERBP) ≥ 155 °C, viscosity at -40 °C ≤ 1800 mm²/s. For ABS / ESP and high thermal-load braking.

2. Typical properties

Grade	DOT 4
Chemistry	Polyglycol ether borate ester
Equilibrium Reflux Boiling Point (ERBP), °C	≥ 230
Wet Equilibrium Reflux Boiling Point (WERBP), °C	≥ 155
Kinematic Viscosity @100 °C	≥ 1.5 mm ² /s
Kinematic Viscosity @-40 °C	≤ 1800 mm ² /s
pH Value	7.0-11.5
Appearance	Pale yellow to amber, clear liquid
Recommended Change Interval	2 years or 40,000 km (follow the vehicle manufacturer's manual)

Values are typical for the formulation and are not guaranteed specification limits. Bracketed references indicate the test method the value is expressed by. A Safety Data Sheet (SDS / MSDS) is supplied per formulation.

3. Packaging, weight and logistics

Packing	N.W / unit	N.W / carton	G.W / carton	Models
1 kg bottle x 20 / carton	1 kg	20 kg	21 kg	see models
HS code	3819.00			
Shelf life / storage	2-3 years (unopened, stored indoors away from light)			

4. Recommended applications

Intended for modern passenger cars, SUVs and light trucks equipped with ABS and ESP / ESC, and for high thermal-load duty such as frequent braking, long descents and high ambient temperatures - it offers higher dry and wet boiling points and far greater vapour-lock resistance.

DOT 4 is backwards compatible with DOT 3 (but not vice versa). Never mix with silicone-based DOT 5 or with mineral-oil brake fluids.

5. Use, handling and safety

Fill directly to the mark on the brake fluid reservoir. Backwards compatible with DOT 3. Never mix with silicone-based DOT 5.

Handling, personal protection, first aid and transport classification are given in the Safety Data Sheet (SDS / MSDS) supplied per formulation.

6. Documents supplied

Safety Data Sheet (SDS / MSDS) - supplied per formulation, available on request. | This Technical Data Sheet. | Other export documents supplied per shipment as required for customs clearance.

7. Standards and test methods referenced

Standards referenced in formulation and testing:

- FMVSS No. 116 - DOT 4
- SAE J1704
- ISO 4925 - Class 4
- GB 12981-2012 - HZY4

The standards and test methods below are quoted as the technical references used when formulating and testing this product. This list is not a certification, approval, licence or mark of conformity. No third-party certification, OEM approval or product licence is claimed or held. Where the market requires conformity assessment (for example PVoC, TBS or O'zDSt), the application is normally filed by the importer or an authorised local

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representative; we support it with samples, technical documentation and translations.

8. Performance highlights

- Higher dry and wet boiling points than DOT 3 - far greater vapour-lock resistance under thermal load
- Ideal for ABS / ESP / ESC equipped vehicles and repeated heavy braking
- Excellent low-temperature fluidity - responsive braking even at -40 °C
- Complete corrosion inhibition - protects steel, cast iron, aluminium, brass, copper, zinc and tinplate
- Compatible with SBR / EPDM rubber seals - no swelling, hardening or shrinking of cups

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BOLITCH Multi-Purpose Anti-Rust Lubricant & Penetrating Spray

Models: BLC-CLN-002-24B (0.45 kg x 24 bottles per carton)
Document TDS-CL-04 | Version 1.0 | Issued 24 September 2026

1. Product description

Multi-purpose penetrating anti-rust lubricant (aerosol, 6-in-1). Special penetrating formula: rust removal, lubrication, anti-seize and long-term corrosion protection.

2. Typical properties

Product Type	Multi-purpose penetrating anti-rust lubricant (aerosol)
Appearance	Light amber, clear liquid
Specific Gravity @25 °C	0.80 ±0.02
Kinematic Viscosity @40 °C	approx. 2.5 mm ² /s (ASTM D445)
Flash Point (closed cup), °C	≥43
Non-volatile Matter, % by weight	≥22
Freezing Point, °C	≤-73
Salt Spray Test (ASTM B117)	72 hours, no rust
Humidity Cabinet Test	1,000 hours, no rust
Dielectric Strength	≥35,000 V at 2.5 mm (ASTM D877)
Coverage, m ² /L	14-24
Service Temperature Range, °C	-45 to 149

Values are typical for the formulation and are not guaranteed specification limits. Bracketed references indicate the test method the value is expressed by. A Safety Data Sheet (SDS / MSDS) is supplied per formulation.

3. Packaging, weight and logistics

Packing	N.W / unit	N.W / carton	G.W / carton	Models
0.45 kg aerosol x 24 / carton	0.45 kg	10.8 kg	11.8 kg	BLC-CLN-002-24B
HS code	3403.19			
Shelf life / storage	3 years (unopened, store in a cool place away from sunlight and heat)			

4. Recommended applications

Used on metal parts, nuts and bolts, locks and hinges, chains, bearings, moulds, hand tools, electromechanical equipment and automotive, motorcycle, agricultural and marine components - for corrosion protection, lubrication, moisture removal and rust release.

The penetrating formula creeps quickly into rust and micro-gaps to free seized fasteners, removes grease, adhesive residue and old lubricant, and drives moisture out of electrical equipment and ignition systems to restore contact conductivity.

Widely used in industrial manufacturing, vehicle servicing, marine, agriculture and home maintenance.

5. Use, handling and safety

Shake well and spray from 15-20 cm. Allow a few minutes to penetrate before working the part or wiping clean. Use with care on polycarbonate (PC) and polystyrene (PS).

Handling, personal protection, first aid and transport classification are given in the Safety Data Sheet (SDS / MSDS) supplied per formulation.

6. Documents supplied

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7. Standards and test methods referenced

Standards referenced in formulation and testing:

- ASTM B117 - salt spray test
- ASTM D877 - dielectric breakdown voltage

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- MIL-C-23411 - multi-purpose metal conditioner requirements (equivalent formulation)
- Formulated free from benzene, silicone and CFCs; RoHS / REACH requirements referenced

Test methods referenced:

- ASTM B117 - salt spray
- ASTM D877 - dielectric breakdown voltage
- ASTM D445 - kinematic viscosity

The standards and test methods below are quoted as the technical references used when formulating and testing this product. This list is not a certification, approval, licence or mark of conformity. No third-party certification, OEM approval or product licence is claimed or held. Where the market requires conformity assessment (for example PVoC, TBS or O'zDSt), the application is normally filed by the importer or an authorised local representative; we support it with samples, technical documentation and translations.

8. Performance highlights

- Six functions in one: rust prevention, lubrication, cleaning, moisture displacement, rust release and contact conductivity
- Special penetrating formula - creeps into rust fast to free seized bolts and stuck parts
- 72 hours salt spray with no rust - one spray leaves a durable protective film
- High dielectric strength ($\geq 35,000$ V) - safer on live equipment and electrical contacts
- Wide service range (-45 °C to 149 °C) - no gelling in the cold, no run-off in the heat
- Ultra-thin film (0.0025-0.0076 mm) - will not affect fit or tolerances

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BOLITCH Heavy-Duty Hand Cleaner Paste

Models: BLC-CLN-003 (2 kg x 10 bottles per carton)
Document TDS-CL-05 | Version 1.0 | Issued 24 September 2026

1. Product description

Heavy-duty hand cleaner paste with fine natural scrubbing particles and mild surfactants. Smooth, easy-to-rub paste that rinses clean.

2. Typical properties

Product Type	Heavy-duty hand cleaner paste
Appearance	Smooth, fine-textured paste
pH Value (neat)	5.5-8.0 (close to skin pH, mild)
Scrubbing Medium	Fine natural plant particles / pumice - gentle on skin
Working Principle	Surfactant emulsification plus gentle abrasive action lifts and releases soil
Cleaning Power	Removes motor oil, gear oil, grease, printing ink, paint and adhesive residue
Skin Care	Contains glycerin and conditioning agents - no tightness or dryness after use
Skin Compatibility	Formulated for skin - free from strong acids, alkalis and harsh solvents
Odour	Low, mild odour
Rinsability	Rinses off easily - no residue, no greasy feel
Biodegradability	Surfactant system is biodegradable

Values are typical for the formulation and are not guaranteed specification limits. Bracketed references indicate the test method the value is expressed by. A Safety Data Sheet (SDS / MSDS) is supplied per formulation.

3. Packaging, weight and logistics

Packing	N.W / unit	N.W / carton	G.W / carton	Models
2 kg bottle x 10 / carton	2 kg	20 kg	21 kg	BLC-CLN-003
HS code	3401.30			
Shelf life / storage	3 years (unopened, store in a cool, dry place away from heat and freezing)			

4. Recommended applications

Made for anyone who works with oil and grease every day - mechanics, machinery fitters, factory workers, fleet drivers, construction and painting crews, and DIY users.

It removes motor oil, gear oil, grease, hydraulic oil, printing ink, paint, adhesive and general industrial soil from the hands - without petrol, diesel or harsh solvents, and gentle on skin.

Take a small amount onto dry hands, rub until the soil dissolves, then rinse with water. For stubborn marks, rub with a little water and repeat.

5. Use, handling and safety

Take a small amount onto dry hands, rub until the grease dissolves, then rinse with water. For stubborn soil, rub with a little water and repeat.

Handling, personal protection, first aid and transport classification are given in the Safety Data Sheet (SDS / MSDS) supplied per formulation.

6. Documents supplied

Safety Data Sheet (SDS / MSDS) - supplied per formulation, available on request. | This Technical Data Sheet. | Other export documents supplied per shipment as required for customs clearance.

7. Standards and test methods referenced

Standards referenced in formulation and testing:

- Mild formula - free from strong acids, alkalis and harsh solvents, formulated for skin
- GB/T 34857 - Hand cleaner (liquid & paste)
- GB/T 26396 - Safety specification for detergents

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- GB/T 15818 - Biodegradability of surfactants

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8. Performance highlights

- Made for hands, yet tough on grime - lifts motor oil, grease and ink without strong acids or alkalis
- Fine natural scrubbing particles dislodge ground-in soil from knuckles and nail beds
- Glycerin and skin conditioners leave hands soft - no tightness or cracking after repeated use
- Low odour and low irritation - suitable for workshop and household use
- Easy to rub in and rinse out - no residue, no greasy film, saves water and time
- 2 kg pack for high-frequency use in garages, factories and fleets - lower cost per use

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BOLITCH Long-Life Engine Coolant | OAT (Organic Acid Technology) | 101 °C

Models: 4 L bottle x 6 per carton | Ready to use, no dilution

Document TDS-CL-11 | Version 1.0 | Issued 2026

1. Product description

Ready-to-use long-life engine coolant (OAT - Organic Acid Technology, water-based series).

Inhibitor system: OAT organic acid (carboxylate) technology - inhibitors are consumed only where corrosion begins, forming a protective layer at the corrosion site, giving long-life protection with a very low depletion rate. amine-free, silicate-free and phosphate-free.

Engineered for hot climates and frost-free regions: boil-over protection, corrosion inhibition and scale control matter most where ambient temperatures stay high year-round and cooling systems work under sustained load - from heavy urban traffic to high-altitude service.

Colour: Blue / Red / Green / Pink (custom colours available).

2. Typical properties

Product Type	Water-based ready-to-use long-life engine coolant (OAT - Organic Acid Technology)
Inhibitor Technology	OAT (Organic Acid Technology) carboxylate inhibitor system - long-life, low depletion; amine-free, silicate-free and phosphate-free
Colour	Blue / Red / Green / Pink (custom colours available)
Freezing Point, °C	0 (no freeze protection - intended for frost-free regions above 0 °C)
Boiling Point, °C	101 (atmospheric pressure)
pH Value	8.6 (7.5-10.5)
Reserve Alkalinity, mL	≥10
Density @20 °C, g/cm³	1.00-1.05
Chloride, mg/kg	≤25
Ash Content, %	≤2.0
Foaming (ASTM D1881)	Foam volume ≤150 mL, break time ≤5 s
Glassware Corrosion (ASTM D1384)	Copper / brass / steel / cast iron ≤10 mg per coupon, solder ≤30, cast aluminium ≤30 (336 h)
Cast Alu Heat-Rejecting Corrosion (ASTM D4340)	≤1.0 mg/cm ²
Effect on Rubber & Plastics	No swelling, shrinkage or hardening; compatible with common sealing materials
Recommended Service Life	5 years or 300,000 km, whichever comes first; 3 years recommended under severe conditions (follow the vehicle manufacturer's manual)

Values are typical for the formulation and are not guaranteed specification limits. Bracketed references indicate the test method the value is expressed by. A Safety Data Sheet (SDS / MSDS) is supplied per formulation.

3. Packaging, weight and logistics

Packing	N.W / unit	N.W / carton	G.W / carton	Models
4 L bottle x 6 / carton	4 L	25 kg	26 kg	Export carton 340 × 318 × 215 mm
HS code	3820.00			
Shelf life / storage	3 years (unopened, stored in a cool, dry place away from direct sunlight)			

4. Recommended applications

Formulated for the cooling systems of passenger cars, SUVs, taxis and light commercial vehicles, and also suitable for water-cooled circulating systems in generator sets and construction machinery.

Built on OAT organic acid (carboxylate) inhibitor technology, it delivers a 101 °C atmospheric boiling point for boil-over protection, long-life corrosion inhibition and scale control - matched to hot coastal climates and high-altitude service where cooling systems work under sustained load.

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5. Use, handling and safety

Ready to use, do not dilute. Boiling point 101 °C (atmospheric); freezing point 0 °C - the grade offers no freeze protection and is intended for frost-free regions, used year-round with no seasonal change-over. Drain and flush the cooling system before filling. Check the level periodically and top up with the same grade.

Handling, personal protection, first aid and transport classification are given in the Safety Data Sheet (SDS / MSDS) supplied per formulation.

6. Documents supplied

Safety Data Sheet (SDS / MSDS) - supplied per formulation, available on request. | This Technical Data Sheet. | Other export documents supplied per shipment as required for customs clearance.

7. Standards and test methods referenced

Standards referenced in formulation and testing:

- GB 29743 - Motor vehicle engine coolant
- Organic acid (carboxylate) inhibitor technology - long-life corrosion protection with low depletion

Test methods referenced:

- ASTM D1384 - glassware corrosion test (336 h)
- ASTM D4340 - cast aluminium heat-rejecting corrosion test
- ASTM D1881 - foaming tendency test

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8. Performance highlights

- OAT (Organic Acid Technology) formula - long-life protection up to 5 years / 300,000 km (3 years under severe conditions)
- 101 °C atmospheric boiling point; with the system pressure cap it further suppresses boil-over - engineered for hot coastal climates, heavy traffic and sustained-load highland driving
- OAT carboxylate inhibitors protect all six metals - copper, brass, solder, steel, cast iron and cast aluminium - with low deposit and low depletion
- Excellent scale and deposit control - keeps water jackets, radiators and water pumps clean
- Strong pH-buffering keeps a stable alkaline reserve over time, suppressing acidification and bacterial growth
- Export pack 4 L x 6 per carton from the same proven formula

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BOLITCH Long-Life Engine Coolant | OAT (Organic Acid Technology) | 101 °C

Models: 2 kg bottle x 12 per carton | Ready to use, no dilution

Document TDS-CL-12 | Version 1.0 | Issued 2026

1. Product description

Ready-to-use long-life engine coolant (OAT - Organic Acid Technology, water-based series).

Inhibitor system: OAT organic acid (carboxylate) technology - inhibitors are consumed only where corrosion begins, forming a protective layer at the corrosion site, giving long-life protection with a very low depletion rate. amine-free, silicate-free and phosphate-free.

Engineered for hot climates and frost-free regions: boil-over protection, corrosion inhibition and scale control matter most where ambient temperatures stay high year-round and cooling systems work under sustained load - from heavy urban traffic to high-altitude service.

Colour: Blue / Red / Green / Pink (custom colours available).

2. Typical properties

Product Type	Water-based ready-to-use long-life engine coolant (OAT - Organic Acid Technology)
Inhibitor Technology	OAT (Organic Acid Technology) carboxylate inhibitor system - long-life, low depletion; amine-free, silicate-free and phosphate-free
Colour	Blue / Red / Green / Pink (custom colours available)
Freezing Point, °C	0 (no freeze protection - intended for frost-free regions above 0 °C)
Boiling Point, °C	101 (atmospheric pressure)
pH Value	8.6 (7.5-10.5)
Reserve Alkalinity, mL	≥10
Density @20 °C, g/cm³	1.00-1.05
Chloride, mg/kg	≤25
Ash Content, %	≤2.0
Foaming (ASTM D1881)	Foam volume ≤150 mL, break time ≤5 s
Glassware Corrosion (ASTM D1384)	Copper / brass / steel / cast iron ≤10 mg per coupon, solder ≤30, cast aluminium ≤30 (336 h)
Cast Alu Heat-Rejecting Corrosion (ASTM D4340)	≤1.0 mg/cm ²
Effect on Rubber & Plastics	No swelling, shrinkage or hardening; compatible with common sealing materials
Recommended Service Life	5 years or 300,000 km, whichever comes first; 3 years recommended under severe conditions (follow the vehicle manufacturer's manual)

Values are typical for the formulation and are not guaranteed specification limits. Bracketed references indicate the test method the value is expressed by. A Safety Data Sheet (SDS / MSDS) is supplied per formulation.

3. Packaging, weight and logistics

Packing	N.W / unit	N.W / carton	G.W / carton	Models
2 kg bottle x 12 / carton	2 kg	24 kg	25 kg	Export carton 340 × 318 × 215 mm
HS code	3820.00			
Shelf life / storage	3 years (unopened, stored in a cool, dry place away from direct sunlight)			

4. Recommended applications

Formulated for the cooling systems of passenger cars, SUVs, taxis and light commercial vehicles, and also suitable for water-cooled circulating systems in generator sets and construction machinery.

Built on OAT organic acid (carboxylate) inhibitor technology, it delivers a 101 °C atmospheric boiling point for boil-over protection, long-life corrosion inhibition and scale control - matched to hot coastal climates and high-altitude service where cooling systems work under sustained load.

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5. Use, handling and safety

Ready to use, do not dilute. Boiling point 101 °C (atmospheric); freezing point 0 °C - the grade offers no freeze protection and is intended for frost-free regions, used year-round with no seasonal change-over. Drain and flush the cooling system before filling. Check the level periodically and top up with the same grade.

Handling, personal protection, first aid and transport classification are given in the Safety Data Sheet (SDS / MSDS) supplied per formulation.

6. Documents supplied

Safety Data Sheet (SDS / MSDS) - supplied per formulation, available on request. | This Technical Data Sheet. | Other export documents supplied per shipment as required for customs clearance.

7. Standards and test methods referenced

Standards referenced in formulation and testing:

- GB 29743 - Motor vehicle engine coolant
- Organic acid (carboxylate) inhibitor technology - long-life corrosion protection with low depletion

Test methods referenced:

- ASTM D1384 - glassware corrosion test (336 h)
- ASTM D4340 - cast aluminium heat-rejecting corrosion test
- ASTM D1881 - foaming tendency test

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8. Performance highlights

- OAT (Organic Acid Technology) formula - long-life protection up to 5 years / 300,000 km (3 years under severe conditions)
- 101 °C atmospheric boiling point; with the system pressure cap it further suppresses boil-over - engineered for hot coastal climates, heavy traffic and sustained-load highland driving
- OAT carboxylate inhibitors protect all six metals - copper, brass, solder, steel, cast iron and cast aluminium - with low deposit and low depletion
- Excellent scale and deposit control - keeps water jackets, radiators and water pumps clean
- Strong pH-buffering keeps a stable alkaline reserve over time, suppressing acidification and bacterial growth
- Export pack 2 kg x 12 per carton from the same proven formula

Guangzhou Baolichi Automobile Technology Co., Ltd.
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BOLITCH Long-Life Engine Coolant | OAT (Organic Acid Technology) | 101 °C

Models: 5 L drum x 4 per carton | Ready to use, no dilution

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1. Product description

Ready-to-use long-life engine coolant (OAT - Organic Acid Technology, water-based series).

Inhibitor system: OAT organic acid (carboxylate) technology - inhibitors are consumed only where corrosion begins, forming a protective layer at the corrosion site, giving long-life protection with a very low depletion rate. amine-free, silicate-free and phosphate-free.

Engineered for hot climates and frost-free regions: boil-over protection, corrosion inhibition and scale control matter most where ambient temperatures stay high year-round and cooling systems work under sustained load - from heavy urban traffic to high-altitude service.

Colour: Blue / Red / Green / Pink (custom colours available).

2. Typical properties

Product Type	Water-based ready-to-use long-life engine coolant (OAT - Organic Acid Technology)
Inhibitor Technology	OAT (Organic Acid Technology) carboxylate inhibitor system - long-life, low depletion; amine-free, silicate-free and phosphate-free
Colour	Blue / Red / Green / Pink (custom colours available)
Freezing Point, °C	0 (no freeze protection - intended for frost-free regions above 0 °C)
Boiling Point, °C	101 (atmospheric pressure)
pH Value	8.6 (7.5-10.5)
Reserve Alkalinity, mL	≥10
Density @20 °C, g/cm³	1.00-1.05
Chloride, mg/kg	≤25
Ash Content, %	≤2.0
Foaming (ASTM D1881)	Foam volume ≤150 mL, break time ≤5 s
Glassware Corrosion (ASTM D1384)	Copper / brass / steel / cast iron ≤10 mg per coupon, solder ≤30, cast aluminium ≤30 (336 h)
Cast Alu Heat-Rejecting Corrosion (ASTM D4340)	≤1.0 mg/cm ²
Effect on Rubber & Plastics	No swelling, shrinkage or hardening; compatible with common sealing materials
Recommended Service Life	5 years or 300,000 km, whichever comes first; 3 years recommended under severe conditions (follow the vehicle manufacturer's manual)

Values are typical for the formulation and are not guaranteed specification limits. Bracketed references indicate the test method the value is expressed by. A Safety Data Sheet (SDS / MSDS) is supplied per formulation.

3. Packaging, weight and logistics

Packing	N.W / unit	N.W / carton	G.W / carton	Models
5 L drum x 4 / carton	5 kg	20 kg	21 kg	BLC-CL-010-2D (alternative drum design)
HS code	3820.00			
Shelf life / storage	3 years (unopened, stored in a cool, dry place away from direct sunlight)			

4. Recommended applications

Formulated for the cooling systems of passenger cars, SUVs, taxis and light commercial vehicles, and also suitable for water-cooled circulating systems in generator sets and construction machinery.

Built on OAT organic acid (carboxylate) inhibitor technology, it delivers a 101 °C atmospheric boiling point for boil-over protection, long-life corrosion inhibition and scale control - matched to hot coastal climates and high-altitude service where cooling systems work under sustained load.

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5. Use, handling and safety

Ready to use, do not dilute. Boiling point 101 °C (atmospheric); freezing point 0 °C - the grade offers no freeze protection and is intended for frost-free regions, used year-round with no seasonal change-over. Drain and flush the cooling system before filling. Check the level periodically and top up with the same grade.

Handling, personal protection, first aid and transport classification are given in the Safety Data Sheet (SDS / MSDS) supplied per formulation.

6. Documents supplied

Safety Data Sheet (SDS / MSDS) - supplied per formulation, available on request. | This Technical Data Sheet. | Other export documents supplied per shipment as required for customs clearance.

7. Standards and test methods referenced

Standards referenced in formulation and testing:

- GB 29743 - Motor vehicle engine coolant
- Organic acid (carboxylate) inhibitor technology - long-life corrosion protection with low depletion

Test methods referenced:

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