



**GOLD**

## BERNER Radiator Coolant - Extended Life Green - B48 / G13

BERNER Gold Radiator Coolant is a full concentrate radiator protection based on mono-ethylene glycol for specially operation in summer, with frost and rust protection effect (all-year operation). BERNER Gold Radiator Coolant, the high-performance corrosion antifreeze protection for motors and cooling systems meets the modern demands of the development in motor construction.

	Art. No.
1L	415211
4L	415214

### Technical Details

**Type** - Ready-to-use / Ready-Mix / Pre-Diluted  
**Colour** - Light Green (Transparent)  
**Liquid Type** - G13  
**Mixed Ratio** - 50/50 (1:1, concentrate coolant:water)  
**Technology** - PSi-OAT (HOAT technology)  
**Durability** - 3-4 years (100,000 Km) (\*conditions apply)  
**Boiling Point** - 150°C - 160°C  
**Freezing Point** - (-32)°C  
**Density** - 1.1260 g/ml (20°C)  
**pH** - 7.5-8.6

### Approval Vehicles

HEAVY DUTY  
 BMW-ALL  
 VOLVO  
 MAZDA  
 MITSUBISHI  
 NISSAN  
 GEELY  
 GLEAGLE  
 TATA  
 MAN  
 TRACTORS

### Specifications

Anti-boil  
 Anti-freeze  
 Anti-corrosion  
 Anti-foam  
 Good-flowability

#### Compatibility with

- Varnishes  
 - Hose & Sealling materials

#### Avoidance

- Sediments, which can cause radiator plugging  
 - Foaming  
 - Cavitation damage

### Standards & Certified

AFNOR NF-R 15-601 TYPE 1, AS 2018:2004, ASTM D 3306 TYPE 1, ASTM D 4985, AUDI, BENTLEY, BS 6580, BUGATTI, CHINA GB 29743-2013, CUMMINS CES 14603, CUNA NC 956-16, JIS K 2234:2006, LAMBORGHINI, MAN 324 SI-OAT, MB 325.5:325.6, MTU MTL 5048, NATO S 759, PORSCHE, SAE J 1034, SANS 1251:2005, SH 0521-1999, SCANIA TB 1451, SEAT, SKODA, UNE 26361-88, VW TL 774 G (G12++)

#### High efficiency

- Provides maintenance-free frost protection all year round.
- Powerful and long-lasting corrosion protection for longer coolant service life.
- Provides overheating protection.

#### Good material compatibility

- No negative influence on coolant hoses or cylinder head gaskets.
- Compatible with cast iron and aluminium as well as in cooling systems made of aluminium or copper alloys.

- An application concentration of 50 vol.% is used all year round recommended.
- Mixing the coolant BERNER B48 with others coolants or products from manufacturers are not recommended.



**GOLD**

## BERNER Radiator Coolant - Extended Life Blue - B11 / G11

BERNER Gold Radiator Coolant is a full concentrate radiator protection based on mono-ethylene glycol for specially operation in summer, with frost and rust protection effect (all-year operation). BERNER Gold Radiator Coolant, the high-performance corrosion antifreeze protection for motors and cooling systems meets the modern demands of the development in motor construction.

	Art. No.
1L	343025
4L	343018

### Technical Details

**Type** - Ready-to-use / Ready-Mix / Pre-Diluted  
**Colour** - Light Blue (Transparent)  
**Liquid Type** - G11  
**Mixed Ratio** - 50/50 (1:1, concentrate coolant:water)  
**Technology** - Si-OAT (HOAT technology)  
**Durability** - 3-4 years (100,000 Km) (\*conditions apply)  
**Boiling Point** - 150°C - 160°C  
**Freezing Point** - (-32) °C  
**Density** - 1.1260 g/ml (20 °C)  
**pH** - 7.5 - 8.6

### Approval Vehicles

TOYOTA-DIESEL  
 EICHER  
 SUZUKI  
 MITSUBISHI  
 HONDA  
 MERCEDES-BENZ-ALL  
 VOLKSWAGEN  
 MAHINDRA

### Specifications

Anti-boil  
 Anti-freeze  
 Anti-corrosion  
 Anti-foam  
 Good-flowability

#### Compatibility with

- Varnishes  
 - Hose & Sealling materials

#### Avoidance

- Sediments, which can cause radiator plugging  
 - Foaming  
 - Cavitation damage

### Standards & Certified

AFNOR NF-R 15-601 TYPE 1, AS 2108, ASTM D 3306, ASTM D 4985, BS 6580, CUNA NC 956-16, JIS K 2234, ONORM V 5123, SAE J 1034, UNE 26-36

#### High efficiency

- Provides maintenance-free frost protection all year round.
- Powerful and long-lasting corrosion protection for longer coolant service life.
- Provides overheating protection.

#### Good material compatibility

- No negative influence on coolant hoses or cylinder head gaskets.
- Compatible with cast iron and aluminium as well as in cooling systems made of aluminium or copper alloys.

- An application concentration of 50 vol.% is used all year round recommended.
- Mixing the coolant BERNER B11 with others coolants or products from manufacturers are not recommended.



**GOLD**

## BERNER Radiator Coolant - Extended Life Red - B12 / G12

BERNER Gold Radiator Coolant is a full concentrate radiator protection based on mono-ethylene glycol for specially operation in summer, with frost and rust protection effect (all-year operation). BERNER Gold Radiator Coolant, the high-performance corrosion antifreeze protection for motors and cooling systems meets the modern demands of the development in motor construction.

	Art. No.
1L	243022
4L	1004371

### Technical Details

**Type** - Ready-to-use / Ready-Mix / Pre-Diluted  
**Colour** - Light Red (Transparent)  
**Liquid Type** - G12  
**Mixed Ratio** - 50/50 (1:1, concentrate coolant:water)  
**Technology** - Si-OAT (HOAT technology)  
**Durability** - 3-4 years (100,000 Km) (\*conditions apply)  
**Boiling Point** - 150°C - 160°C  
**Freezing Point** - (-32) °C  
**Density** - 1.1260 g/ml (20 °C)  
**pH** - 7.5-8.6

### Approval Vehicles

AUDI  
 SEAT  
 ISUZU  
 BENTLEY  
 FORD  
 RENAULT  
 LEYLAND  
 SAKODA  
 JAGUAR  
 PORSCHE  
 BUGATTI

### Specifications

Anti-boil  
 Anti-freeze  
 Anti-corrosion  
 Anti-foam  
 Good-flowability

**Compatibility with**  
 - Varnishes  
 - Hose & Sealling materials

**Avoidance**  
 - Sediments, which can cause radiator plugging  
 - Foaming  
 - Cavitation damage

### Standards & Certified

AFNOR NF-R 15-601 TYPE 3, AS 2108, ASTM D 3306 TYPE 3, ASTM D 4985, ASTON MARTIN, AUDI, SEAT, SKODA G12, BS 6580:1992, CHRYSLER MS-9176, CLAAS, CUMMINS CES 14603, CUNA NC 956-16, CNH MAT 3624, DAF 74002, DEUTZ DQC CB-14, FORD ESD M97B49-A, FORD ESE M97B49-A, FORD WSS-M97B44-D, FFV HEFT R443, GM 1899 M, US 6277 M, ISUZU , JASO M-325, JENBACHER TA 1000-0201, JIS K 2234, JOHN DEERE JDM H5, KOMATSU, KSM 2142, LEYLAND TRUCKS LTS 22 AF 10, MACK EC1 (A4.05.09.01), MAN 324 SNF, MAN B&W D 36 5600, MB 325.3, NATO S 759, ONORM V 5123, OPEL GM QL130100, PORSCHE, RENAULT TYPE D, SAE J 1034, SCANIA TB 1451, UNE 26361-88/1, VOLVO VCS, VW TL 774-D (G12), TL 774-F (G12+)

### High efficiency

- Provides maintenance-free frost protection all year round.
- Powerful and long-lasting corrosion protection for longer coolant service life.
- Provides overheating protection.

### Good material compatibility

- No negative influence on coolant hoses or cylinder head gaskets.
- Compatible with cast iron and aluminium as well as in cooling systems made of aluminium or copper alloys.

- An application concentration of 50 vol.% is used all year round recommended.
- Mixing the coolant BERNER B12 with others coolants or products from manufacturers are not recommended.



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## BERNER Radiator Coolant - Extended Life Pink - B30 / G12

BERNER Gold Radiator Coolant is a full concentrate radiator protection based on mono-ethylene glycol for specially operation in summer, with frost and rust protection effect (all-year operation). BERNER Gold Radiator Coolant, the high-performance corrosion antifreeze protection for motors and cooling systems meets the modern demands of the development in motor construction.

	Art. No.
1L	415206
4L	1004370

### Technical Details

**Type** - Ready-to-use / Ready-Mix / Pre-Diluted  
**Colour** - Light Pink (Transparent)  
**Liquid Type** - G12  
**Mixed Ratio** - 50/50 (1:1, concentrate coolant:water)  
**Technology** - Psi-OAT (HOAT technology)  
**Durability** - 3-4 years (100,000 Km) (\*conditions apply)  
**Boiling Point** - 150- 160 °C  
**Freezing Point** - (-32) °C  
**Density** - 1.1260 g/ml (20 °C)  
**pH** - 7.5- 8.6

### Approval Vehicles

LAND ROVER  
 RANGE ROVER  
 JAGUAR  
 SAAB  
 FIAT  
 TOYOTA  
 LEXUS  
 SCION  
 LAMBORGHINI  
 SCANIA

### Specifications

Anti-boil  
 Anti-freeze  
 Anti-corrosion  
 Anti-foam  
 Good-flowability  
**Compatibility with**  
 - Varnishes  
 - Hose & Sealling materials  
**Avoidance**  
 - Sediments, which can cause radiator plugging  
 - Foaming  
 - Cavitation damage

### Standards & Certified

AFNOR NF-R 15-601 TYPE 3, AS 2108, ASTM D 3306 TYPE 3, ASTM D 4985, ASTON MARTIN, AUDI, SEAT, SKODA G12, BS 6580:1992, CHRYSLER MS-9176, CLAAS, CUMMINS CES 14603, CUNA NC 956-16, CNH MAT 3624, DAF 74002, DEUTZ DQC CB-14, FORD ESD M97B49-A, FORD ESE M97B49-A, FORD WSS-M97B44-D, FFV HEFT R443, GM 1899 M, US 6277 M, ISUZU , JASO M-325, JENBACHER TA 1000-0201, JIS K 2234, JOHN DEERE JDM H5, KOMATSU, KSM 2142, LEYLAND TRUCKS LTS 22 AF 10, MACK EC1 (A4.05.09.01), MAN 324 SNF, MAN B&W D 36 5600, MB 325.3, NATO S 759, ONORM V 5123, OPEL GM QL130100, PORSCHE, RENAULT TYPE D, SAE J 1034, SCANIA TB 1451, UNE 26361-88/1, VOLVO VCS, VW TL 774-D (G12), TL 774-F (G12+)

### High efficiency

- Provides maintenance-free frost protection all year round.
- Powerful and long-lasting corrosion protection for longer coolant service life.
- Provides overheating protection.

### Good material compatibility

- No negative influence on coolant hoses or cylinder head gaskets.
- Compatible with cast iron and aluminium as well as in cooling systems made of aluminium or copper alloys.

- An application concentration of 50 vol.% is used all year round recommended.
- Mixing the coolant BERNER B30 with others coolants or products from manufacturers are not recommended.