

CHAMPION COOLANT -36°C LONGLIFE G12+

A diluted on ethylene glycol based coolant for use in engines. It employs Organic Acid Technology [OAT] inhibitor and is nitrite, amine and phosphate [NAP] free. It is also free of borate and silicate. The sophisticated technology provides superior and permanent protection to all components of the cooling system and a life span of 4 - 6 years or 250.000 km for passenger cars and 500.000 km for professional applications. Ready to use solution.

APPLICATIONS

Formulated for long-term use in all engines especially those constructed from aluminium, cast iron and magnesium alloys. Not the best choice for older cooling systems that have copper/brass radiators and heater cores, especially not for the lead solder used in them. Suitable for cooling circuits of the open or closed type [vehicles and heating] with a protection against freezing until -36°C. This solution is ready to use and can be used during the whole year.

FEATURES

Anti-freeze properties: Superior cold temperature performance

Anti-corrosion properties: Outstanding corrosion protection

Total system protection: Excellent heat transfer and dispersion

PERFORMANCE

| | | | |
|------------------------|--------------|-------------------|--------------|
| AFNOR | NF R 15-601 | JD | H24B1/C1 |
| ASTM | D3306 | JD | JDM H5 |
| ASTM | D4985 | KOMATSU | 7892 |
| BS | 6580 | LIEBHERR | MD1-36-130 |
| FFV | Heft R443 | MAN | 324 SNF |
| JASO | M325 | MB | 325.2 |
| NATO | S759 | MB | 325.3 |
| POLISH STANDARD | PN-C-40007 | MITSUBISHI | MHI |
| SAE | J1034 | MTU | MTL 5048 |
| CUMMINS | 85T8-2 | OPEL | GM QL 130100 |
| CUMMINS | 90T8-4 | PSA | B71 5110 |
| DAF | 74002 | RENAULT | 41-01-001 |
| DEUTZ | 0199-99-1115 | SCANIA | TB 1451 |
| FORD | WSS-M97B44-D | VOLVO | 3169,5 |
| GM | 1825M | VW | TL 774-D |
| GM | 1899M | VW | TL 774-F |
| GM | 6277M | | |

CHAMPION CHEMICALS NV

G. Gilliatstraat 52 - 2620 Hemiksem - Belgium

Tel. +32 3 870 00 00

www.championlubes.com





TYPICAL CHARACTERISTICS

| Test | Method | Unit | Average results |
|---------------------------|------------|---------|-----------------|
| pH | ASTM D1287 | | 8.2 |
| Density at 20°C | ASTM D4052 | g/ml | 1.069 |
| Colour | VISUAL | | PINK |
| Freezing point [refracto] | ASTM D3321 | °C | -36 |
| Water content | ASTM D1123 | % wt/wt | 50 |

We reserve the right to alter the general characteristics of our products in order to let our customers benefit of the latest technical evolutions.

CHAMPION CHEMICALS NV

G. Gilliatstraat 52 - 2620 Hemiksem - Belgium

Tel. +32 3 870 00 00

www.championlubes.com

