

## Coolant XCL G12/G12+ -25°C



### DESCRIPTION

Latest generation antifreeze formulated from organic OAT technology (Organic Acid Technology), based on mono-ethylene glycol and passivation additives. It provides long-lasting aluminum protection against heating, cavitation and corrosion at high temperatures. BARD AHL XCL G12/G12+ -25°C is free from silicate and nitrite, and limits cloudiness, deposits and precipitates.

### APPLICATION

Ready-for-use.

Recommended for the last generation engines. Cannot be mixed with traditional mineral-based formulas. The formulation is particularly suitable for VOLKSWAGEN, AUDI and SKODA engines. BARD AHL XCL G12/G12+ -25°C meets most of manufacturer specifications that require OAT technology.

### SPECIFICATIONS

This product offers the following performance level:

|                 |                            |
|-----------------|----------------------------|
| VW, AUDI, SKODA | TL-774 D (G12) et F (G12+) |
| FORD            | WSS-M97B44-D               |
| MB              | 326.3                      |
| RENAULT         | 41-01-001 Type D           |
| GM              | 6277M                      |
| MAN             | 324 type SNF               |
| MAZDA           | MEZ MN 121 D               |
| VOLVO           | OAT                        |
| CLAAS           | OAT                        |

|             |                                |
|-------------|--------------------------------|
| DEUTZ       | 0199-99-115                    |
| JOHN DEERE  | JDM H5                         |
| KOMATSU     | 07.892 (2009)                  |
| DAF         | 74002                          |
| FIAT-LANCIA | 9.55523                        |
| JAGUAR      | CMR 8229                       |
| ASTM        | D3306 / D4656 / D4985          |
| BS          | 6580 :1992                     |
| NF          | R15601 sauf réserve alcalinité |
| AS          | 2108                           |
| SAE         | J-1034                         |
| FFV         | Heft R443                      |
| CUNA        | NC 956-16                      |
| UNE         | 26361-88                       |
| NATO        | S-759                          |

## PROPERTIES

- Long-lasting action.
- Homogeneous protective film.
- Eco-friendly. Free from borate, nitrite, amines, and phosphates.
- Very high aluminum protection.

## TECHNICAL DATA

|                             | Antifreeze    | ASTM 3306  | Method      |
|-----------------------------|---------------|------------|-------------|
| Ash content                 | 1.1 %w/w typ  | 5% w/w max | ASTM D1119  |
| Water content               | 5% max        | 5% w/w max | ASTM D1123  |
| Colour                      | Pink          |            |             |
| Density, 20°C               | 1.113         |            | ASTM D 5931 |
| Boiling point               | Typ>180       | >163°C     | ASTM D1120  |
| Alkalinity reserve (pH 5.5) | 6.2           | report     | ASTM D1121  |
| pH at 20°C                  | 8.6           | 7.5 à 11   | ASTM D1287  |
| Refractive index, 20°C      | 1430          |            | ASTM D1218  |
| Freezing point 40%v/v       | -30°C (-27°C) |            | ASTM D1177  |



## TECHNICAL DATA SHEET V082021

|                       |       |        |            |
|-----------------------|-------|--------|------------|
| Freezing point 50%v/v | -40°C | <-35°C | ASTM D1177 |
|-----------------------|-------|--------|------------|

The information contained in this sheet is provided for reference only. Because of continual product development, changes may occur without prior notice. No liability for damages caused by the incompleteness or incorrectness will be accepted.

### RECOMMENDATIONS

**Handling :** any safety information related to the handling and use of this product are gathered in the Safety Data Sheet.

Always check the manufacturer car manual before use.

**Storage :** it is recommended to use the product within 36 months. It should be stored in its original packaging, closed, and protected from light, humidity and excessive temperature.

### REFERENCES & AVAILABILITIES

|      |       |
|------|-------|
| 8311 | 12x1L |
| 6065 | 6x2L  |
| 8313 | 3x5L  |
| 8315 | 20L   |
| 8318 | 200L  |



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