



# Product Information

A PRODUCT OF ASHLAND CONSUMER MARKETS, A COMMERCIAL UNIT OF ASHLAND INC.

## Automotive Chemicals – Coolant Antifreeze

Version: 2011/06 #3

### MaxLife™ Coolant AF Concentrate

*The universal coolant solution, suitable for all cars and engines, less storage, no mis-applications.*

MaxLife coolant is a unique product that offers a universal solution, eliminating all confusion about color and chemistry. The unique formula combines the advantages of standard, hybrid (HOAT) and organic (OAT) chemistry. Just like the standard, hybrid and organic acid formulations, it incorporates fast-acting additives for bare iron and aluminium surface protection. Additionally, MaxLife coolant provides superior long-life properties using non-depleting organic acid technology and incorporates lubrication additives to protect seals and gaskets. MaxLife coolant provides excellent cooling system protection against freezing and over-heating. Suitable for Si-OAT applications.

### Performance levels

MaxLife Coolant AF Concentrate
BS 6580, 1992
Afnor 15-601, 1991
ASTM D-3306 (D-4656)
ASTM D-4985
MB 325.0,2,3, 5
NATO S-759
Cuna NC956-16
O-Norm V5123
SAE J1034, J814C, J1941
Ford WSS M97 B44-D
Volvo VCS
BMW N600.69.0
MAN 324 type NF
MAN 324 Si-OAT
Opel 6277M
Isuzu
Jaguar

MaxLife Coolant AF Concentrate
Leyland, DAF
MAN B&W
Renault RVI
Scania
STEYR
GM B 040 0240
MTU, Mack
Saab (6901 599)
Peugeot (PSA B 71 5110)
Citroen (PSA B 71 5110)
Detroit Diesel
Deutz MWM
Recommended by Valvoline for
VW TL 774 C, D, F, G, J.
VW G11, G12, G12+, G12++, and
G13 applications
AUDI, SEAT, SKODA

### Features and Benefits

#### Unique formula for superior long-life protection

Long-Life protection by means of a unique patented formulation with superior anti-corrosion inhibitors and anti-scaling chemistry. Protects the cooling system against freezing and over-heating by keeping it clean.

#### Prevents car breakdown

MaxLife coolant protects modern vehicles with aluminium engines as well as older engines with cast-iron engines against corrosion and scaling. It will extend the life-span of the cooling system.

#### Deposit control

The formulation contains extra anti-scaling and anti-corrosion inhibitors to prevent the build-up of deposits and keeps the cooling system working efficiently.

#### No mis-applications and easy to use

MaxLife coolant can be used for all engines with all materials. Therefore less mistakes and less storage. It provides long-term protection to the cooling system of the engine up to 3 years or more.



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## Health and Safety

For the health and safety related properties of this product reference is made to the Safety Data Sheet. A Safety Data Sheet (SDS) is available on request via your local sales office or via the internet @ <http://msds.ashland.com>.

This product contains a bittering agent

## Protect the Environment

Take used chemicals to an authorized collection point. Do not discharge into drains, soil or water.

## Typical Properties

Typical property characteristics are based on current production. Whilst future production will conform to Valvoline™ specifications, variations in these characteristics may occur.

MaxLife Coolant AF	
Concentrate	
Colour	Red
Boiling point °C.	162*
Flash point °C. PMCC	121
pH 50% V/V (ASTM D-1119)	10.5
Specific Gravity @ 20°C.	1.124
Hard water stability	Stable

\* Boiling Point shown using conventional 15 psi radiator cap.

## Freezing Protection:

50% vol. in water. °C., -38

33% vol. in water. °C., -18

**This information only applies to products manufactured in the following location(s):  
Europe**

## Keeping the world moving since 1866™

Serving more than 100 countries around the globe, Valvoline is a leading marketer, distributor and producer of quality branded automotive and industrial products and services. Products include automotive lubricants including MaxLife™, the first motor oil specifically formulated for higher-mileage vehicles; transmission fluids; gear oils; hydraulic lubricants; automotive chemicals; specialty products; greases, and cooling system products.

For more information on Valvoline products, programs and services please visit [www.valvolineurope.com](http://www.valvolineurope.com)

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Replaces – 2011/06 #2

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