Automotive Chemicals – Coolant Antifreeze

Version: **2011/06 #5**

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
Afnor 15-601, 1991
ASTM D-3306 (D-4656)
ASTM D-4985
BMW N600.69.0
BS 6580, 1992
Citroen (PSA B 71 5110)
Cuna NC956-16
Detroit Diesel
Deutz MWM
Ford WSS M97 B44-D
GM B 040 0240
Isuzu
Jaguar
Leyland, DAF
MAN 324 Si-OAT
MAN 324 type NF
MAN B&W

MaxLife Coolant AF Concentrate
MB-325.0, 2, 3, 5, 6
MTU
NATO S-759
O-Norm V5123
Opel 6277M
Peugeot (PSA B 71 5110)
Renault RVI
Saab (6901 599), Steyr
SAE J1034, J814C, J1941
Scania
Volvo VCS
Volvo, Mack
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 aluminum 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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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; 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 **https://www.valvolineglobal.com/en-eur/** or **http://pisheets.valvolineglobal.com**

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	
Appearance	Liquid
Colour	Red
Boiling point, ºC ASTM D-1120	162*
Flash point, PMCC, ºC ASTM D-93	121
pH 50% V/V ASTM D-1287	10,5
Density @ 20°C, g/cm³ ASTM D-1122	1,124
Hard water stability	Stable

*** Boiling Point shown using conventional 15 psi Radiator cap.**

Freezing Temperature:
50% vol. in water. ºC, -37
33% vol. in water. ºC, -17

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

Health & Safety
This product is not likely to present any significant health or safety hazards when properly used in the recommended application and good standards of personal hygiene are maintained. Reference is made to the Safety Data Sheet (SDS) which is available on request via your local sales office or via the internet **http://sds.valvolineglobal.com**

Protect the environment
Take used product to an authorized collection point. Comply with local regulations. Do not discharge into drains, soil or water.

Storage
We recommend to store all packages under cover. In case outside storage is unavoidable, drums should be laid horizontally to avoid the possible ingress of water and damage to drum markings. Products should never be stored above 60°C, exposed to hot sun or freezing conditions.

Replaces – 2011/06#4

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