

PRODUCT INFORMATION



Automotive Chemicals – Coolant Antifreeze

Version: 2011/19#3

Valvoline™ HD Nitrite Free Coolant -67 RTU

OAT Coolant for Heavy Duty Diesel Engines.

HD Nitrite Free Coolant -67 RTU is registered to Cummins CES 14603, conforms to ASTM D6210 and is suitable for common heavy duty diesel engine requirements. It incorporates organic acid technology to protect diesel engines from liner pitting and hard water scale deposits. The silicate and nitrite free extended life chemistry protects all cooling system metals from corrosion including aluminum. HD Nitrite Free Coolant -67 RTU can also be used in gasoline, stationary power, marine, natural gas and light duty applications. The product is pre-diluted and ready to use up to a freezing temperature of -67°C. The product is backward compatible for all cooling systems using OAT coolants. Keep the cooling system full and check concentration or freeze point regularly.

Performance levels

HD Nitrite Free Coolant -67 RTU
Aggreko Approved
ASTM D3306
ASTM D6210
Cat EC-1
Chrysler
Cummins 14603 registered
Detroit Diesel 7SE298
Federal Specification A-A-870A
Ford
Freightliner
GM 1899M, 1825M
GM 6277M
Iveco

HD Nitrite Free Coolant -67 RTU
John Deere
Link Belt
MACK
MTU, Paccar, Scania, Volvo
Navistar CEMS B-1 Type III-A
Peterbilt
SAE J1034, J814
Terex
Thermo King
TMC of ATA RP-329B
TMC of ATA RP-338
VW, Audi, MAN, Mercedes

Features and Benefits

Unique formula for superior protection

Superior protection by organic acid technology to protect diesel engines from liner pitting and hard water scale deposits. The silicate and nitrite free extended life chemistry protects all cooling system metals from corrosion including aluminum. Freezing protection down to -67°C.

Wide application range

HD Nitrite Free Coolant -67 RTU protects modern vehicles with aluminum engines as well as older vehicle models. It covers a wide application range including diesel engines, gasoline engines, stationary power, marine, natural gas, and light duty applications.

Extended Life Coolant

HD Nitrite Free Coolant -67 RTU provides up to 6 years / 600,000 miles / 12,000 hours of service without the need for extenders due to non-depleting organic acid technology.

Coolant compatibility

HD Nitrite Free Coolant -67 RTU is compatible with major long life and conventional brands of ethylene glycol based coolant. However, long life characteristic may be diminished by mixing with light duty or conventional fully formulated coolants.

PRODUCT INFORMATION



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; 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

Typical properties

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

HD Nitrite Free Coolant -67 RTU	
Ready To Use	
Appearance	Liquid
Colour	Yellow
Boiling point °C.	135*
Flash point °C. PMCC	121
pH (ASTM D-1287)	9
Density g/cm ³ @ 20 °C. DIN 51757	1,102
Hard water stability	Stable
Storage stability	Up to 5 years

* Boiling Point shown using conventional 15 psi Radiator cap.

Freezing Temperature:

Ready to use product: -67°C

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

™ Trademark of Valvoline, registered in various countries © 2017

All statements, information and data presented herein are believed to be accurate and reliable, but are not to be taken as a guarantee, an express warranty, or an implied warranty of merchantability or fitness for a particular purpose, or representation, express or implied, for which Ellis Enterprises B.V. and its affiliates assume legal responsibility.

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://msds.valvoline.com>

Protect the environment

Take used oil 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 – 2011/19#2