



## Mobil Delvac Modern™ Coolant Extended Life Ready Mixed

Mobil Commercial Vehicle Lube , Australia

Ready to use Pre-diluted Coolant/Antifreeze

### Product Description

Mobil Delvac Modern™ Coolant Extended Life Ready Mixed is a 50/50 ready to use pre-diluted non-nitrited Coolant/Antifreeze for heavy duty and light duty vehicles and equipment.

Mobil Delvac Modern Coolant Extended Life Ready Mixed offers freeze protection down to -36 deg C and increase boiling point of 8 deg C.

### Features and Benefits

Mobil Delvac Modern Coolant Extended Life Ready Mixed is a heavy-duty, ethylene glycol engine coolants based on Organic corrosion inhibitor Additive Technology (OAT). It is free of amines, borates, nitrates, nitrites, phosphates and silicates. The product provides excellent protection of the metal alloys found in most cooling systems. Being phosphate and silicate free also eliminates the risk of hard water scale.

Note: Do not use in potable water systems.

Recommended maximum service life:

<b>Passenger Car and Light Commercial Vehicle</b>	<b>250,000 km</b>
Heavy Duty Diesel On-Road	650,000 km
Heavy Duty Diesel Off-Road	6,000 hours
Stationary Engines	32,000 hours

It is recommended to change the coolant every five years or when above mileages/operating times are reached, whichever comes first.

Features	Advantages and Potential Benefits
Cost Effective	Supplementary Coolant Additives (SCAs) are not required to achieve to achieve maximum service lives listed.
Protection	Effective protection against corrosion erosion and pitting even on sensitive metals like aluminium.
Reduced maintenance	With proper top-up practices regular use of testing and supplemental coolant additives is avoided.
Heat Transfer	Silicate free formulations eliminates deposits which may impede heat transfer.
Hardware Life	Enhanced water pump life through reduce risk of seal wear.
Broad operating temperature range	Protection against winter freeze-up and summer boil-over.
Wide Range of Applications	Protects engines where the OEM specifies a nitrite and molybdate free coolant. Can be used in heavy duty engines using EGR, DPF or ACERT technologies. Suitable for mixed fleet applications.
Compatibility	While compatible with conventional antifreezes dilution with conventional antifreeze could reduce extended life benefits. ExxonMobil recommend that the diluted coolant made from this concentrate is not diluted by more than 25% with other coolant formulations to maintain performance claims.
Stability	Can be stored for approximately 8 years in sealed containers without any effect on the product quality or performance.

**Applications**

- Heavy duty engines where the OEM recommends a nitrite free, silicate free coolant.
- Suitable for mixed fleets of passenger vehicles, light and heavy-duty trucks, or off-road on-road and marine cooling systems where the OEM requires a Nitrite and Silicate free coolant.

The Product is suitable for use in applications where a Nitrite and Silicate free coolant is recommended by the OEM including\*:

- ADE
- Fendt
- Valtra
- Aston Martin
- Foton Q-FPT 2313005-2013
- BYD
- Case New Holland MAT3624
- Caterpillar Motoren GmbH & Co.KG GCM34
- MAK
- MWM 0199-99-2091/12
- Claas
- Cummins IS series u N14, CES 14603, CES 14439
- Mercedes-Benz 326.3
- Detroit DFS93K217
- Deutz DQC CB-14
- Ford WSS-M97B44-D
- Chevrolet/Buick/Cadillac/GMC GMW 3420
- Saab B 040 1065
- Hitachi
- Jenbacher TA 1000-0200
- Waukesha
- Isuzu
- John Deere JDM H5
- Kobelco
- Komatsu 07.892 (2009)
- Liebherr MD1-36-130
- Behr
- Mazda MEZ MN 121 D
- Mitsubishi MHI
- DAF 74002
- Leyland Trucks DW03245403
- Renault RNUR 41-01-001/- S Type D
- MTU MTL 5048
- Bergen Engines 2.13.01
- Fiat, Lancia Fiat 9,55523
- Opel – GM GMW 3420

- Vauxhall GMW 3420
- Jaguar CMR 8229
- Jaguar Land Rover STJLR 651.5003
- Thermo King
- Vestas
- Mack 014 GS 17009
- Volvo
- Renault Trucks 41-01-001/- -S Type D
- Audi, Seat, Skoda, Volkswagen TL-774 D = G 12 ; TL-774 F = G 12+
- MAN 324 Typ SNF
- MAN Energy Solutions Antifreeze agents, CW MAN 175D
- MAN B&W AG D36 5600
- MAN B&W A/S
- Semt Pielstick
- Skoda 61-0-0257
- SACM Diesel DLP799861
- Wärtsilä 32-9011
- Yanmar
- ZF

\* Always refer to owner's manual for coolant requirement.

#### Specifications and Approvals

<b>This product meets or exceeds the requirements of:</b>
ASTM D3306
ASTM D6210

#### Properties and Specifications

Property	
Color, Visual	Orange
Density @ 20C, Kg/l, ASTM D5931	1.068
pH @ 20C, ASTM D1287	8.6
Reserve Alkalinity to pH 5.5, ml.1NHCL, ASTM D1121	3.0
Freezing Point, deg.C, ASTM D3321	-36

#### Health and safety

Health and Safety recommendations for this product can be found on the Material Safety Data Sheet (MSDS) @ <http://www.msds.exxonmobil.com/psims/psims.aspx>

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Typical Properties are typical of those obtained with normal production tolerance and do not constitute a specification. Variations that do not affect product performance are to be expected during normal manufacture and at different blending locations. The information contained herein is subject to change without notice. All products may not be available locally. For more information, contact your local ExxonMobil contact or visit [www.exxonmobil.com](http://www.exxonmobil.com)

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