



## Mobil Delvac Modern™ Coolant Extreme Ready Mixed

Mobil Commercial Vehicle Lube , Malaysia

Ready to use Pre-diluted Coolant/Antifreeze

### Product Description

Mobil Delvac Modern™ Coolant Extreme Ready Mixed is a nitrated ready to use pre-diluted Coolant/Antifreeze formulation for heavy duty and light duty vehicles and equipment. It is formulated with an Organic corrosion inhibitor Additive Technology (OAT).

The product also offers freezing protection down to -36 deg C and increase boiling point of 8 deg C.

### Features and Benefits

Mobil Delvac Modern Coolant Extreme Ready Mixed is a heavy-duty, ethylene glycol engine coolant based on OAT technology. It is free of amines, borates, nitrates, phosphates and silicates and contains nitrite and molybdate. 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:

|                            |             |
|----------------------------|-------------|
| Heavy Duty Diesel On-Road  | 650,000 km  |
| Heavy Duty Diesel Off-Road | 8,000 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 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 this product not be 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 silicate free coolant containing nitrite.

▪ Suitable for mixed fleets of light and heavy-duty trucks, or off-road on-road and marine cooling systems where the OEM requires a silicate free coolant containing nitrite.

The Product is suitable for use in applications where a coolant containing nitrite is recommended by the OEM including\*:

- Caterpillar EC-1
- Perkins
- Cummins IS series u N14
- Deutz DQC CB-14
- Volvo

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

Properties and Specifications

| Property   |      |
|--|------|
| Color, Visual                                      | Red  |
| Density @ 20C, Kg/l, ASTM D5931                    | 1.06 |
| pH @ 20C, ASTM D1287                               | 8.7  |
| Reserve Alkalinity to pH 5.5, ml.1NHCL, ASTM D1121 | 2.5  |
| Freezing Point, deg.C, ASTM D3321                  | -37  |

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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