

MEG HT

Multi-Purpose Antifreeze / Coolant

PRODUCT OVERVIEW

PrixMax MEG HT is a uniquely formulated Hybrid Technology anti-freeze and anti-boil coolant concentrate that is free of nitrites, amines and phosphates and is suitable for use in early and late model petrol, diesel and gas passenger cars, 4x4s, light commercial vehicles and trucks. This coolant is formulated to provide excellent long life corrosion protection for all cooling system metals.

PRODUCT BENEFITS

- Provides effective, long term corrosion protection for the six basic metal alloys - aluminium, brass, cast iron, steel, solder and copper - found in most heat transfer systems
- Recommended for use in most passenger cars, 4x4s, light commercial vehicles and trucks
- 5 years or 250,000kms service interval (whichever comes first) in passenger cars and light commercial vehicles when complete flush and fill is performed
- Suitable for mixed fleets (passenger cars, light commercial vehicles and trucks)
- Protects against winter freeze up and minimises the chance of summer boil over
- No addition of supplemental coolant additives (SCAs) required
- Compatible with water pump seal materials and minimises the formation of abrasive dissolved solids (low silicates)
- Compatible with OEM system metals, seals, hoses and plastic components
- Compatible with conventional anti-freeze and most factory-fill inhibited glycol coolants

APPLICATIONS

PrixMax MEG HT is recommended for use in the following applications:

- Passenger cars and light commercial vehicles
- Mixed fleets where cars and light duty trucks are being serviced
- Trucks and buses

SERVICE LIFE

Equipment Type	Maximum Service Life*
Passenger Cars and Light Commercial Vehicles	5 YEARS or 250,000KMS
Trucks and Buses	5 YEARS or 650,000KMS

*Whichever comes first, provided a complete flush and fill is performed, a concentration level of 50% is maintained and specified use and maintenance directions followed. Routine visual inspections, coolant top-off and annual coolant testing are recommended to ensure maximum service life

Service life intervals can be extended when combined with our Coolcheck® scheduled laboratory coolant analysis service.

PERFORMANCE STANDARDS AND TESTING

PrixMax MEG HT meets AS 2108-2004 Engine Coolant Type A and is recommended for use where the following performance standards or specification requirements are cited:

- ASTM D3306, D4656 and D4985
- AFNOR R15-601 (French Standard)
- BS 6580 (British Standard)
- Caterpillar 1 EO 535
- Cummins 92 T8-9
- Detroit Diesel 7SE298
- Ford ESE-M97B44-A
- GM 1825M and GM 1899M
- Holden HN 2217
- JIS K2234 (Japan) LLC
- JASO M325 (Japan) LLC
- MAN 324 NF
- SAE J1034

TECHNICAL CHARACTERISTICS

Property	Method	Typical Results
Colour		Green
pH	ASTM D1287	9.7
Ethylene Glycol, wt%		93.0
Density, g/ml, 20°C	ASTM D1122	1.11
Freezing Point °C (50% vol solution)		-37
Storage Stability		5 years

Technical Characteristics are typical of those obtained with normal production tolerance. Variations in product typical results are to be expected during normal manufacture.

MAINTENANCE

Service Considerations

For optimum year-round protection against freezing, boiling and corrosion, and for heavy duty trucks and buses, a solution of not less than 50% by volume of PrixMax MEG HT concentrate in good quality water is recommended.

The product is a concentrate and must be diluted before pouring into the cooling system, and must not be used at concentrations greater than 67% or less than 33%.

The relationship between dosage rate and freezing/boiling protection offered by PrixMax MEG HT is illustrated as follows:

PrixMax MEG HT	Water	Freeze Protection	Boil Protection*
1 part	1 part	-37°C	129°C
1 part	2 parts	-20°C	125°C

*with a 103 kPa radiator pressure cap

General

- For true long-life protection, do not mix PrixMax MEG HT with other coolant products as the extended life benefits will be reduced. PrixMax recommends that this product not be diluted by more than 15% with other coolant/antifreeze formulations.
- When changing to PrixMax MEG HT always start off with a clean coolant system using PrixMax Radiator Flush or similar commercial cleaner at the change interval if previously using conventional coolants. After draining the cleaner, flush thoroughly with clean water. Inspect the cooling system. Make necessary repairs and tighten all hose connections.
- Always dispose of the used coolant in accordance with local, state and federal guidelines.
- Full technical support of the PrixMax laboratory is available through our comprehensive Coolcheck® scheduled coolant analysis program, which at least annually determines the overall condition of the coolant and cooling system.
- A basic coolant maintenance check every oil change or 250 service hours can be performed using PrixMax Coolant Test Strips or a hand-held glycol refractometer to identify problems with maintenance procedures and operational practices.

Mixing

- PrixMax MEG HT is compatible with most conventional coolants and can be used for top-up of other coolant/antifreeze formulations. If the product is to be mixed with some heavy duty diesel coolants the user must continue to add SCAs for heavy-duty service until the next coolant change-out. Before mixing PrixMax MEG HT with other coolants contact the Coolcheck® laboratories.
- The PrixMax Customer Service & Technical Training Group provides specialist advice on the maintenance of engine cooling systems and coolant products application support.

STORAGE AND HANDLING

PrixMax MEG HT engine coolant should be stored above -20°C and preferably at ambient temperatures. Periods of exposure to temperatures above 35°C should be minimised. Exposure of the coolant in translucent packages to direct sunlight can degrade the dyes present in the coolant, and result in fading of

the colour or discolouration over time. This process can be accelerated if coupled with high ambient temperatures. The colour change will not affect the performance of the coolant only the appearance. Therefore coolant in translucent packages should be stored INDOORS.

Provided the product is stored in accordance with good practice as above in unopened, new containers, the coolant has a shelf life of around 5 years. The use of galvanised steel is not recommended for any part of the storage/mixing process.

PACK SIZES

Part No	Pack Size
MEGHT-C1	1 litre
MEGHT-C5	5 litre
MEGHT-P20	20 litre
MEGHT-D205	205 litre

Please contact us for further enquiries.

TOXICITY AND SAFETY

Warning: PrixMax MEG HT contains ethylene glycol, which is harmful or fatal if swallowed. Avoid eye or skin contact. For advice, contact a Poisons Information Centre (eg Australia 13 11 26; NZ 0800 764 766) or a doctor at once. If swallowed, do NOT induce vomiting. If skin or hair contact occurs, remove contaminated clothing and flush skin and hair with running water. If in eyes, hold eyelids apart and flush the eye continuously with running water. Continue flushing until advised to stop by a Poisons Information Centre (eg Australia 13 11 26; NZ 0800 764 766) or a doctor, or for at least 15 minutes. Seek medical attention if irritation persists.

Further ENVIRONMENT, HEALTH and SAFETY Information is available on this product in the **Safety Data Sheet (SDS)**. Customers are encouraged to review this information, follow precautions and comply with laws and regulations concerning product use and disposal.

To obtain the SDS for this product, please contact us.

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