



Texol™ Multifreeze BLM Ready

Technical Data Sheet

Texol™ Multifreeze BLM Ready
Proven performance antifreeze coolant

Product Description

Texol™ Multifreeze BLM Ready is a proven performance antifreeze coolant specifications by a wide range of passenger car and heavy duty industrial equipment manufacturers.

Texol™ Multifreeze BLM Ready offers efficient and long lasting freezing, boiling and corrosion protection through a combination of silicate and carboxylate inhibitor technology with an ethylene glycol base and is free of potentially harmful additives such as nitrites, amines and phosphates, promoting improved environmental protection.

Applications and Uses

- Texol™ Multifreeze BLM Ready provides year-round frost and corrosion protection. To ensure good corrosion it is recommended to use at directly. This provides frost protection to -40°C. Typical mixtures in Northern Europe are 50/50 BLM Ready/water, offering frost protection down to -20°C
- Mixtures with more than 50 vol.% Texol™ Multifreeze BLM Ready are not recommended
- Maximum frost protection (about -40°C) is obtained at directly use.
- The use of soft water is preferred for dilution
- Laboratory testing has shown that acceptable corrosion results are stil obtained with water of 20° dh, containing up to 50 ppm chlorides and 50 ppm sulphates.
- Texol™ Multifreeze BLM Ready may be used in engines manufactured from cast iron, aluminium or combinations of the two metals, and in cooling systems manufactured with aluminium or copper alloys

Customer benefits

- Combined silicate and carboxylate inhibitor technology offers efficient freezing, boiling and corrosion protection
- Advanced formulation offers low maintenance performance and system protection and helps increase uptime
- Low depletion inhibitor performance helps reduce maintenance costs and downtime
- Promotes environmental protection through nitrite, amine and phosphate-free formulation
- Offers compatibility with a wide range of rubber hoses and gasket materials



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Typical Properties

Property (Unit)	BLM Ready	
pH	8.7	ASTM D1287
Water content	50%max.	ASTM D1123
Initial crystallization	<-35°C	ASTM D1177
Freezing protection	-40°C	
Specific gravity, 20°C	1.125	ASTM D1122
Reserve alkalinity (ph 5.5)	2.4	ASTM D1121
Refractive Index, 20°C	-	ASTM D1218
Equilibrium boiling point	118 °C	ASTM D1120
Effect on non-metals	No effect	GME60 255
Staining characteristics	-	ASTM D1882
Colour	Blue	

Technical Expertise

Texol experts on Multifreeze BLM Ready is regionally located to respond to your needs. Whether you have a question about products, applications or regulations, Texol offers comprehensive customer and technical service.

Storage and handling

- This product should be stored above -10°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 or discoloration over time. This reaction can be accelerated if coupled with high ambient temperatures. It is therefore advisable to store coolant in translucent packages indoors
- Texol™ Multifreeze BLM Ready can be stored for approximately 2 years in unopened containers without effect on the product quality or performance
- It is strongly recommended to use new containers and not recycled ones
- As with ant antifreeze coolant, the use of galvanized steel is not recommended for pipes or any other part of the storage/mixing installation