



TITAN HDD PREMIX COOLANT

Premium universal fully formulated antifreeze/antiboil coolant premix for all water-cooled engines

Description

Titan HDD Premix Coolant is ready to use, fully formulated, advance hybrid organic acid technology, heavy duty diesel engine coolant. Special additive have been included to provide protection from cylinder liner pitting corrosion.

Titan HDD Premix Coolant does not required a charge of supplemental Coolant Additive (SCA) during initial fill and is not expected until at least 12.000 hours operation when used as directed. The product was primarily designed for use in heavy duty-diesel application in mining, however also find success when used as higher quality engine coolant in all automotive application and on-highway trucking.

Titan HDD Premix Coolant is compatible with heavy-duty antifreeze and coolants, however most major equipment manufacturer require system clean/flush prior to coolant product change. Always follow the engine manufacturers' procedures to ensure warranty remains unaffected.

Titan HDD Premix Coolant is Extended Service Interval (ESI) product.

Titan HDD Premix Coolant offers excellent corrosion protection for all alloys used in engine component.

Application

Titan HDD Premix Coolant should be used undiluted with non chemical coolant filter. Further dilution is not recommended or supported. For heavy duty diesel engine services. Titan HDD Premix coolant can be used, in a properly maintained system for up to 12.000 hours, 36 months or 1000000 km without SCA charge.

However OEM service interval should be maintained under warranty periods.

Topping up the coolant system must only be done with Titan HDD Premix Coolant. Engine coolant should be analysed according to OEM requirement using a laboratory monitoring service at least annually. A basic coolant maintenance check every oil change each 250 hours or every six months can be performed using heavy duty coolant test strips or glycol refractometer Always start with a clean cooling system by using a descaling product and/or full radiator flush. Inspect the cooling system and make repairs where necessary. Tighten all hose connection prior to filling system with Titan HDD Premix Coolant. Always adhere to OEM requirements for coolant changeover procedure.

Advantages/Benefits

A true universal mixed fleet heavy-duty engine coolant for use in all water cooled engine, meet or exceeds requirement of ESI for all major Original Equipment Manufacturers. Provide extended service corrosion protection for all system components. Formulated for use in heavy-duty and light-duty diesel, petrol or gas engine including those with aluminium alloy spacer decks, aluminium or copper/brass radiator, aluminium or cast iron engine blocks and cast iron wet liners. Does not require use of SCA at initial fill or during coolant life to at least 12.000 hours if manufactured recommendations are followed. Diethylene glycol base ensure excellent antifreeze/antiboil protection and superior heat exchange quality.

While the information and figures given here are typical of current production and confirm to specification, minor variations may occur. No warranty expressed or implied is given concerning the accuracy of the information or the suitability of the products.

PRODUCT INFORMATION



Specifications

- ASTM D 6210
- ASTM D 3306
- ASTM D 4985
- MAN324
- Detroit Diesel7SE298
- GM 1899M
- CAT EC-1
- TMC RP 329
- MTU MTL 5048
- AS/NZS 2108.1:1997 Engine Coolant Type A

Fuchs Recommendation

- Cummins
- Caterpillar
- MTU Detroit Diesel
- Ford
- GM

Characteristics

Properties	Unit	Method	Result
Appearance	-	VISUAL	B & C
Color	-	ASTM D 1500	Green
Density at 15°C	Kg/m ³	ASTM D 1298	1.0700
pH	-	ASTM D 1287	8 - 10
Freezing Point	°C	ASTM D 1177	- 38
Boiling Point	°C	ASTM D 1120	132

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