



PRISTA® Bio-MHM 46

PRISTA OIL

■ DESCRIPTION

PRISTA® Bio-MHM 46 is bio-degradable hydraulic oil based on TPM fatty acid esters and a special ashless additive package including R&O inhibitors and wear protection agents.

HYDRAULIC OILS

■ APPLICATION

PRISTA® Bio-MHM 46 hydraulic oil is developed for use as working media in hydrostatic lubrication systems and in circulating systems for the lubrication of moving parts and mechanism. Both applications require lubricants of very high oxidation stability, improved anti-wear and anti-scuffing properties and ensuring reliable R&O protection.

PRISTA® Bio-MHM 46 hydraulic oil is especially developed for applications where the possibility of environmental contamination could occur. This oil exhibits very good viscosity-temperature performance which makes it suitable for application over a wide temperature range from -15°C to +80°C.



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TYPICAL CHARACTERISTICS

Nº	PARAMETER	TEST METHOD	TYPICAL VALUES
1.	Density at 20°C, g/ cm ³	EN ISO 3675	0.917
2.	Color	ISO 2049	1.0
3.	Kinematic viscosity at 40°C, mm ² /s	EN ISO 3104	46
4.	Viscosity index	ISO 2909	180
5.	Flash point, COC, °C	EN ISO 2592	290
6.	Pour point, °C	ISO 3016	-33
7.	Foaming, ml (tendency/stability) -Seq I, at 24°C -Seq II, at 93.5°C -Seq III, at 24°C	ISO 6247	10/0 0/0 10/0
8.	Rust preventive properties in the presence of distilled water	ISO 7120	pass
9.	Copper strip corrosion, 3h, 100°C	EN ISO 2160	1a
10.	Water separability -time to 3 ml emulsion,min	ISO 6614	20

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Remark: The information given in the typical data does not constitute a specification but is an indication based on current production and can be affected by allowable production tolerances. The right to make modifications is reserved.