PRISTA® MHF

VG-32 ■ VG-46

HYDRAULIC OILS

DESCRIPTION

PRISTA® MHF special hydraulic oils are formulated from highly refined base stocks possessing very good demulsibility and air release properties additized with an especially selected additive package including oxidation, corrosion and rust inhibitors and antiwear agents.
Available in two ISO 3448 viscosity grades: 32 & 46.

APPLICATION

PRISTA® MHF hydraulic oils are developed for application in hydraulic systems, vane pump equipment, hydraulic gear pumps and piston hydraulic units demanding lubricants of high cleanliness. These lubricants are especially developed to ensure long service life, enhanced efficiency, reduction of production costs and lessening the risk of rapid wear and tear. These oils exhibit cleanliness class 6 according to NAS 1638 (which is not applicable for equipment manufactured after May 2001, for which AS 4059C applies).
PRISTA® MHF oils are particularly appropriate for control checks, testing and calibration of hydraulic cylinders. The assured class of cleanliness makes these oils fit for use in industrial hydraulics with high pressures as well as mobile hydraulics, in general machine manufacturing and in medium pressure systems.

TECHNICAL DESIGNATION

ISO-L-HM according to ISO 6743/4

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■ SPECIFICATIONS

DIN 51524 - HLP
ISO 11158-HM

■ TYPICAL CHARACTERISTICS

№	PARAMETER	TEST METHOD	TYPICAL VALUES	
			32	46
1.	Density at 20°C, g/ cm^3	EN ISO 3675	0.868	0.875
2.	Kinematic viscosity at 40°C, mm^2/s	EN ISO 3104	32	46
3.	Viscosity index	ISO 2909	100	100
4.	Flash point, COC, °C	EN ISO 2592	190	200
5.	Pour point,°C	ISO 3016	-30	-24
6.	Foaming, ml (tendency/stability) -Seq I, at 24°C -Seq II, at 93.5°C -Seq III, at 24°C	ISO 6247	50/0 50/0 50/0	
7.	Rust preventive properties in the presence of distillated water	ISO 7120	pass	
8.	Copper strip corrosion, 3h, 100°C	EN ISO 2160	1	
9.	Water separability -time to 3 ml emulsion, min	ISO 6614	10	15
10.	Air release properties at 50°C, min	ISO 9120	4	6
11.	Cleanliness Code	ISO 4406	17/15/12	17/15/12

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.