



PRISTA® MHM-D

PRISTA OIL

■ DESCRIPTION

PRISTA® MHM-D hydraulic oils are formulated from highly refined mineral base stocks exhibiting very good demulsibility and air-release properties blended with a highly efficient additive system including conventional oxidation, rust and corrosion inhibitors plus additional detergent/dispersant agents.

Available in the following ISO 3448 viscosity grades: 10, 22, 32, 46, 68 & 100.

HYDRAULIC OILS

■ APPLICATION

PRISTA® MHM-D hydraulic oils are developed to be used as working media in both hydrostatic lubrication systems and in circulating systems for the lubrication of moving parts and mechanisms, subjected to severe operating conditions. Thanks to their improved detergent/dispersant properties, **PRISTA® MHM-D** hydraulic oils readily disperse particulates and emulsify liquid contaminants. Thus they prevent as much as practically possible the formation of deposits and sludge, preventing the occurrence of premature failures. Their special advantages, however, will be mostly benefited in cases where contamination of the system cannot be avoided and here **PRISTA® MHM-D** will prove that they are really 'trustworthy & sound' oils.

■ TECHNICAL DESIGNATION

ISO-L-HM according to ISO 6743/4



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SPECIFICATIONS

MAN N 698-H-LPD

DIN 51524 HLPD, Part 2 (except demulsibility characteristics)

ISO 11158-HLP (except demulsibility characteristics)

TYPICAL CHARACTERISTICS

№	PARAMETER	TEST METHOD	TYPICAL VALUES					
			15	22	32	46	68	100
1.	Density at 20°C, g/ cm ³	EN ISO 3675	0.850	0.867	0.868	0.875	0.879	0.883
2.	Kinematic viscosity at 40°C, mm ² /s	EN ISO 3104	10	22	32	46	68	100
3.	Viscosity index	ISO 2909	100	100	100	100	95	95
4.	Flash point, COC, °C	EN ISO 2592	160	180	190	200	210	220
5.	Pour point, °C	ISO 3016	-36	-33	-30	-24	-21	-18
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 distilled water	ISO 7120	pass					
8.	Copper strip corrosion, 3h, 100°C	EN ISO 2160	1a					
9.	Water separability -time to 3 ml emulsion, min	ISO 6614	10	10	10	15	15	15
10.	Air release properties, 50°C, min	ISO 9120	3	3	4	6	8	10

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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.