

PRISTA® MHMb Plus

Hydraulic oils

Description and application

Prista® MHMb Plus are premium-grade, zinc-free hydraulic oils with very high oxidation stability and excellent demulsifying and air-release properties.

Prista® MHMb Plus are hydraulic oils with an exceptionally high level of purity that provide enhanced protection against wear in industrial and automotive hydraulic systems.

Benefits

- Excellent filterability
- Outstanding protective properties against rust and corrosion
- Very high oxidation stability
- Great demulsifying properties

Specifications

ISO 3448	VG 32, 46, 68
ISO 6743/4	ISO-L-HM
ISO 11158	HM
DIN 51524	Part 2 (HLP)
Bosch Rexroth	RDE 90235
Parker (Denison)	HF-0 (including Denison T6C pump test), HF-1 & HF-2
Eaton	E-FDGN-TB002-E
Eaton (Vickers)	M-2950-S, I-286-S
Fives Cincinatti	P-68, P-69, P-70
JCMAS	P041 HK Hydraulic specification (VG 32, VG 46)
ASTM D6158	HM
SAE MS1004	HM
GM	LS-2
AIST (US Steel)	126, 127

Typical characteristics

Parameter	Test Method	Typical Value		
		VG 32	VG 46	VG 68
Density 20°C, g/ml	EN ISO 3675	0.868	0.875	0.879
Kinematic Viscosity at 0°C, mm ² /s	EN ISO 3104	330	510	940
Kinematic Viscosity at 40°C, mm ² /s	EN ISO 3104	32	46	68
Kinematic Viscosity at 100°C, mm ² /s	EN ISO 3104	5.4	6.8	8.7
Viscosity index	ISO 2909	100	100	98
Flash Point, COC, °C	EN ISO 2592	200	210	230
Pour point, °C	ISO 3016	-30		
Copper strip corrosion, 3h at 100°C, rating	ISO 2160	1a		
Water separability - time to reach 3 ml emulsion, min	ISO 6614	10	15	15
Air Release Properties, min	ISO 9120	4	6	10
FZG EP Wear Test (A/8.3/90) - Failure Load Stage	ISO 14635-1	12		

Important note: typical data values do not constitute a specification but are an indication based on current production and can be affected by allowable production tolerances. The right to make modifications is reserved.



Health, safety and handling

Based on current available information, this product is not expected to produce adverse effects on health when used for the intended application.

For more information about product MSDS, terms and conditions for storage and shelf life please visit: www.prista-oil.com