

LORENT ZM

High Quality Hydraulic Oil

Description

LORENT ZM series are formulated from highly refined paraffinic base oil with anti-wear, anti-oxidant, anti-foam& rust inhibitor additives (ISO-L-HM). These oils are available in a wide range of viscosity to all types of hydraulic systems and equipment.

Specification Meets:

- ▶ ISO 11158 (HM)
- ▶ DIN 51524 Part 2 (HM)
- ▶ Eaton Vickers I-286-S
- ▶ AIST/US Steel 126
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- ▶ ANSI/AGMA 9005-E02-RO
- ▶ ISO 6743-4

Applications

LORENT ZM series are recommended for moderate duty hydraulic system running under mild or normal operating conditions.

Advantages

- ▶ Excellent anti-rust and corrosion properties
- ▶ Excellent thermal and oxidation stabilities
- ▶ Excellent wear protection for maximum equipment life
- ▶ Good Water Separation
- ▶ Good foaming properties
- ▶ Good sludge and particulate control
- ▶ Excellent hydrolytic stability

Typical Data of LORENT ZM

Characteristics	Unit	LORENT ZM			Test Method
		32	46	68	
Color		L 0.5	L 1.5	L 1.5	ASTM D 1500
Density @ 15 °C	kg/L	0.8640	0.8776	0.8836	ASTM D 4052
Kinematic Viscosity @ 40 °C	mm ² /s	32.94	46.89	68.75	ASTM D 445
Kinematic Viscosity @ 100 °C	mm ² /s	5.58	6.83	8.79	
Viscosity Index		107	100	100	ASTM D 2270
Flash Point (COC)		220	224	226	ASTM D 92
Pour Point		-18	-15	-12	ASTM D 97
Water Separability @ 54°C/82°C min-mL/mL/mL	Min	5'(40/40/0)	10'(40/40/0)	15'(40/40/0)	ASTM D1401
Copper Corrosion, 3 hrs at 100°C		1A	1A	1A	ASTM D130
Foam Test					ASTM D892
Sequence I	ml	0/0	0/0	0/0	
Sequence II	ml	10/0	0/0	10/0	
Sequence III	ml	0/0	0/0	0/0	

* These characteristics are typical of current production. While future production, variations in these characteristics may occur