

LORENT Z

Mineral oil based hydraulic oil

Description

LORENT Z is formulated from highly refined paraffinic oil, fortified with antifoam and anti-wear additives as well as rust and oxidation inhibitors.

This series of oils have been developed to provide antiwear characteristic, oxidation stability, and hydrolytic breakdown as well as low foaming tendency.

Applications

LORENT Z is effective for systems that use both vane and piston pumps based on either steel-steel or steel-bronze metallurgy.

Specification Meets:

- ▶ Denison HF-0, HF-2
- ▶ ISO 6743/4 (HM, HV)
- ▶ DIN 51524 part 2 and 3 (HLP, HVLV)
- ▶ AFNOR NF E 48-603
- ▶ US Steel 127 and 136
- ▶ SEB 181 222

Advantages

- ▶ Good resistance to hydrolytic breakdown
- ▶ Superior anti wear properties
- ▶ Good oxidation stability
- ▶ Superior corrosion protection
- ▶ Rapid air release, low foaming tendency

Typical Data of LORENT Z

Characteristics	Unit	LORENT Z				Test Method
		32	46	68	100	
Color		Clear	Clear	Clear	Clear	ASTM D 1500
Density @ 15 °C	kg/L	0.8565	0.8638	0.8720	0.8785	ASTM D 4052
Kinematic Viscosity @ 40 °C	cSt	32.8	46.6	68.4	100.2	ASTM D 445
Kinematic Viscosity @ 100 °C		5.63	7.04	8.9	11.23	
Viscosity Index		111	108	103	98	ASTM D 2270
Flash Point (COC)	°C	219	220	230	240	ASTM D 92
Pour Point	°C	-33	-33	-27	-21	ASTM D 97
Sequence I : 24 °C	mL	0/0	0/0	0/0	0/0	ASTM D 892
Sequence II : 93.5 °C		10/0	10/0	10/0	10/0	
Sequence III : 24 °C after 93.5 °C		0/0	0/0	0/0	0/0	

* the typical characteristic mentioned represent mean values