

Hypres

Heavy Duty Anti-Wear Hydraulic Oil

Technical Data Sheet

Product Description

Rolcer Hypres heavy duty anti-wear hydraulic oils are blended from highly refined quality base oils and fortified with advanced anti-wear, anti-oxidant, anti-rust and anti-foam additives. Recommended for use in wide range of hydraulic applications in manufacturing/industrial environments and mobile applications. Also recommended as fluid media for high pressure hydraulic systems.

Performance Specification

Rolcer Hypres meets or exceeds the following performance requirements:

- Parker Denison HF-0
- DIN 51524 PART 1,2,3
- Fives Cincinnati P-68
- U.S. Steel 127 and 136
- Eaton Brochure 03-401-2010
- GM LS-2
- JCMAS HK
- SAE MS1004

Features/Benefits

- ISO 32, 46, 68 and 100
- Excellent hydrolytic stability
- Superior rust and corrosion protection
- Minimal increases in air entrainment
- Excellent wet and dry filterability per AFNOR NF E48-690 and NF E48-691
- Outstanding thermal and oxidative stability
- Excellent wear protection designed to promote longer pump life

Typical Properties

Test Parameters	ASTM Method	Typical Values				
		ISO 32	ISO 37	ISO 46	ISO 68	ISO 100
Density @ 15.6 ^o C, Kg/L	D1298	0.872	0.875	0.875	0.878	0.889
Kinematic Viscosity at 40 ^o C, cSt	D445	32	37	46	68	100
Viscosity Index	D2270	100	99	98	97	95
Pour Point ^o C	D97	-33	-30	-24	-21	-15
Flash Point (COC), ^o C	D92	216	220	220	230	240
Foaming Tendency/Stability	D892					
Seq I, ml/ml		0/0	0/0	0/0	0/0	0/0
Seq II, ml/ml		10/0	10/0	10/0	10/0	10/0
Seq III, ml/ml		0/0	0/0	0/0	0/0	0/0
Water Separability	D1401 ml/ml/ml (minutes)	40/37/3 (5)	40/37/3 (5)	40/37/3 (10)	40/37/3 (10)	40/37/3 (15)

Properties mentioned above are typical only, and minor variations which do not affect the product performances, are to be expected in normal manufacturing.

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