"Your Reliable Lubrication Choice"

UNT ICL HYD-HV

HYDRAULIC OIL

Description

Hydrotreated hydraulic oil formulated in petroleum-based fluids recommended for hydraulic systems, transmissions and pumps operating under wide variations of conditions and temperatures. The product's high viscosity indices and low pour points provide fluids with low viscosity for proper flow at cold temperatures and exceptional fluid-film strengths at high temperatures.

This products are produced from carefully selected high quality, highly refined hydro-treated base oil and a balanced additive system (including a shear stable viscosity index improver), thereby providing total year-round protection in a variety of application. This product also demonstrates exceptional performance in tests such as the Eaton Vickers 35VQ25.

This helps protect equipment from rust and corrosion and provide long-term oxidation stability. Antiwear agents used also provide protection for all types of hydraulic pumps.

Properties

- τ Outstanding cold temperature flow properties
- τ Excellent anti-wear performance
- τ Superior rust and anti-corrosion
- τ Provides oxidation stability

Technical Characteristics

Test Description	Method	Unit				
ISO Viscosity Grade	-	-	**ISO 22**	**ISO 32**	**ISO 46**	**ISO 68**
Density @ 15 ºC	ASTM D 4052	kg/L	0.8456	0.8570	0.8642	0.8685
Flash Point	ASTM D 92	ºC	182	200	216	220
Pour Point	ASTM D 97	ºC	-45	-39	-36	-33
Kinematic Viscosity @ 40ºC	ASTM D 445	cSt	20.93	32.97	47.79	66
Kinematic Viscosity @ 100ºC	ASTM D 445	cSt	4.817	6.52	8.19	10.5
Viscosity Index	ASTM D 2270	-	160	156	145	148

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Technical Characteristics

Test Description	Method	Unit		
ISO Viscosity Grade	-	-	**ISO 100**	**ISO 150**
Density @ 15 ºC	ASTM D 4052	kg/L	0.8747	0.8773
Flash Point	ASTM D 92	ºC	232	244
Pour Point	ASTM D 97	ºC	-30	-27
Kinematic Viscosity @ 40ºC	ASTM D 445	cSt	107.1	141.6
Kinematic Viscosity @ 100ºC	ASTM D 445	cSt	14.24	17.62
Viscosity Index	ASTM D 2270	-	135	137

Specifications

τ AIST	126, 127
τ ASTM	D6158 (HM, HV)
τ BOSCH REXROTH	RDE 90235
τ DANFOSS (EATON)	E-FDGN-TB002-E
τ DANFOSS (EATON)	35VQ25
τ DIN	51524-2 (HM)
τ DIN	51524-3 (HV)
τ FIVES CINCINNATI	P-68
τ FIVES CINCINNATI	P-69
τ FIVES CINCINNATI	P-70 (HM, HV)
τ GB	11118.1 (L-HL, L-HM, L-HV, L-HS)
τ GM	LS-2
τ ISO	11158 HL & HM
τ JCMAS	P041 HK HYDRAULIC SPECIFICATION
τ PARKER DENISON	HF-0
τ PARKER DENISON	HF-1
τ PARKER DENISON	HF-2 (HM, HV)
τ SAE	MS 1004 (HM, HV)
τ SEB	181222

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