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BLACK BEAR HYDROCRANE HYDRAULIC OIL

OVERVIEW

Our BLACK BEAR HYDROCRANE HYDRAULIC OIL is a very high V.I. (176) oil with excellent low temperature flow properties (-40°F "pour"). It possesses very effective antiwear properties (see both Vickers pump test results), yet separates rapidly from water as shown by its demulsibility characteristics (D1401). Its V.I. improver is very shear stable which means it will maintain its viscosity characteristics over a wide temperature range. Its high temperature properties (thermal stability), oxidation and rust resistance are also excellent. It is designed to meet the requirements of the modern hydraulic systems that must operate at varying ambient temperatures.

FEATURES & BENEFITS

BLACK BEAR HYDROCRANE HYDRAULIC OIL meets and exceeds the performance requirements of most hydraulic pump manufacturers including:

Cincinnati-Milacron Denion HIF-O

PHYSICAL PROPERTIES (TYPICAL):

Racine Vickers (M-2950-S, I-286-S)

SPECIFICATIONS

*HIGHLY SHEAR STABLE MOTOR OIL POLYMERS TYPICALLY SHOW 80% LOSS ON THIS TEST

TYPICAL PROPERTIES

	METHOD	HYDRO-055
Viscosity, cSt @ 100°C	D341	6.1
Viscosity, cSt @ 40°C	D341	29.3
Brookfield Viscosity cP @ 28.9°X (020°F)	D2983	3000
Viscosity Index	D2270	176
Flash Point °F	D92	360
Pour Point °F	D97	-40
Gravity, °API	D287	31
Demulsibility, 54.4°C (130°F) (min. to 40-37-3)	D1401	
Oil-water-emulsion (M)		40-40-0 (20)
Foam, (Tendency/Stability) (ML)	D892	
Sequence I		0-0
Sequence II		0-0
Sequence III		0-0
Rust, Syn. Sea Water	D665 (A&B)	Pass
Shear Stability, %Loss	ALI Gear Oil Test*	40%
Oxidation Stability, hrs. to 2.0	D943	2800+