

TECHSELECT® HYDRAULIC OILS

DESCRIPTION: TechSelect® Hydraulic Oils are superior anti-wear hydraulic and circulating fluids blended with highly refined base oils. These hydraulic oils provide outstanding resistance to sludge formation and exhibit excellent antiwear protection. Rust and oxidation preventive capabilities, including superior demulsibility properties, make these oils rugged, even in high-output systems. These oils also feature excellent vane pump and piston pump performance, anti-foam characteristics and superior hydrolytic stability. TechSelect® Hydraulic Oils resist deterioration and perform at superior levels, even at high operating temperatures, pressures and speeds and low pour point ensures easy system start-up in cold conditions.

PERFORMANCE Meets or exceeds the following tests and requirements:

BENEFITS: AFNOR E 48-603
 B. F. Goodrich - 0152
 Cincinnati Milacron - P-68, P-69, P-70
 Denison - HF-0, HF-1, HF-2
 DIN 51524, Part 2
 Ford - M-6C32
 General Motors - LH-04-1, LH-06-1, LH-15-1
 Jeffrey - #87
 Lee Norse - 100-1
 Racine - Model S, variable volume vane pump
 U.S. Steel - 136, 127
 Vickers - I-286-S, M-2950-S, 35VQ25

TYPICAL PROPERTIES:	ASTM Test	ISO 32	ISO 46	ISO 68
	Method			
Viscosity @ 40°C, cSt	D445	32.9	46.5	68.0
Viscosity @ 100°C, cSt	D445	5.5	6.9	8.5
Viscosity Index	D2270	102	100	95
Flash Point, COC, °C	D92	242	212	220
Flash Point, COC, °F	D92	468	414	428
Pour Point, °C	D97	-34	-30	-24
Pour Point, °F	D97	-30	-22	-11
Color	D1500	1.0	1.0	1.5
Gravity, °API	D4052	31.3	30.4	29.3
Oxidation	D943	5000+	5000+	5000+
Rust Test	D665	Pass	Pass	Pass
Emulsion Test	D1401	40-40-0	40-40-0	40-40-0
Biodegradability %	D5864	28.2	28.0	28.0



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