



## DYNA-PLEX 21C® CURSA HYDRAULIC OIL

Dyna-Plex 21C® Cursa Hydraulic Oils are high quality, extra inhibited oils designed with hydrocracked Group II base oil, for use in multi-functional applications where long oil life is required. These oils will give you steady, reliable performance as a hydraulic medium.

Dyna-Plex 21C Cursa Hydraulic Oils have been finely filtered to remove external contamination and contain special O-ring conditioners to prolong hydraulic component life. Seal swell agents have been added to prevent leaks and Cursa's demulsability characteristics enhance separation and removal of water. These oils will supply 5000 hours of service before extreme oxidation problems occur and also provide excellent resistance to foaming, rust and wear.

<u>PROPERTY</u>	<u>ASTM TEST METHOD</u>	<u>ISO 32</u>	<u>ISO 46</u>	<u>ISO 68</u>	<u>ISO 100</u>
Viscosity @ 40°C, cSt	D445	31.20	46.07	68.10	101.29
Viscosity @ 100°C, cSt	D445	5.25	6.81	8.80	11.5
Viscosity Index	D2270	98	100	100	100
Flash Point, COC, °C	D92	216	221	227	243
Flash Point, COC, °F	D92	420	430	440	470
Pour Point, °C(°F)	D97	-40(-40)	-40(-40)	-33(-21)	-30(-22)
Color	D1500	1.0	1.0	1.5	1.5
Gravity, °API	D287	32.6	31.1	30.7	30.4
Turbine Oil Oxidation	D943	5000+	5000+	5000+	5000+
Copper Strip	D130	1b	1b	1b	1b
Rust Test	D665	Pass	Pass	Pass	Pass
Vane Pump, mgs wt loss	D2882	12	12	12	12
Usable Temperature Range, °F		-5-50	10-90	20-100	30-115
Maximum Hyd. Temperature, °F		150	195	200	215
Dielectric Strength, kv		35	35	35	35
RBOT, minutes	D2272	950	950	950	950
Demulsibility	D1401	40-40-0(5)	40-40-0(5)	40-40-0(5)	40-40-0(5)

Meets or exceeds the following tests and requirements:

- AFNOR E 48-603
- B. F. Goodrich - 0152
- Cincinnati Milacron - P-68 (light hydraulic oils)
- Denison - HF-0, HF-1, HF-2
- DIN - 51524, Part 2
- FMC - High-Performance Hydraulic Oil
- 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

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