



## DYNA-PLEX 21C® CURSA HYDRAULIC OIL

Dyna-Plex 21C® Cursa Hydraulic Oils are high quality, extra inhibited oils designed with hydrocracked Group II base oils, 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 150</u>	<u>MULTI-FUNCT LIGHT</u>	<u>MULTI-FUNCT MEDIUM</u>	<u>MULTI-FUNCT HEAVY</u>
Viscosity @ 40°C, cSt	D445	149.54	32.00	45.00	95.30
Viscosity @ 100°C, cSt	D445	15.1	8.00	9.30	12.50
Viscosity Index	D2270	100	190	190	126
Flash Point, COC, °C	D92	256	199	205	210
Flash Point, COC, °F	D92	490	390	400	410
Pour Point, °C(°F)	D97	-27(-17)	-42(-45)	-42(-45)	-36(-33)
Color	D1500	2.0	1.0	1.5	1.5
Gravity, °API	D287	30.1	33.9	33.5	30.5
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		50-115	-10-100	-10-100	0-210
Maximum Hyd. Temperature, °F		215	200	200	300
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), P-69, P-70
- 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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