



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. The hydraulic oils also demonstrate excellent compatibility with other major brands of hydraulic oils, including the MOBIL DTE numbered series.

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 demulsibility characteristics enhance separation and removal of water. These oils will supply 5,000 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>MULTI-FUNCT LIGHT</u>	<u>MULTI-FUNCT MEDIUM</u>	<u>MULTI-FUNCT HEAVY</u>
Viscosity @ 40°C, cSt	D-445	32.00	45.00	95.30
Viscosity @ 100°C, cSt	D-445	8.00	9.30	12.50
Viscosity Index	D-2270	190	190	126
Flash Point, COC, °C	D-92	199	205	210
Flash Point, COC, °F	D-92	390	400	410
Pour Point, °C (°F)	D-97	-42 (-45)	-42 (-45)	-36 (-33)
Color	D-1500	1.0	1.5	1.5
Gravity, °API	D-287	33.9	33.5	30.5
Turbine Oil Oxidation	D-943	5000+	5000+	5000+
Copper Strip	D-130	1b	1b	1b
Rust Test	D-665	Pass	Pass	Pass
Vane Pump, mgs wt loss	D-2882	12	12	12
Usable Temperature Range, °F		-10-100	-10-100	0-210
Maximum Hyd. Temperature, °F		200	200	300
Dielectric Strength, kv		35	35	35
RBOT, minutes	D-2272	950	950	950
Demulsibility	D-1401	40-40-0(5)	40-40-0(5)	40-40-0(5)

Meets or exceeds the following tests and requirements:

- AFNOR E 48-603
- ASTM D6158 HL, HM, HMHP, HV, HVHP
- B.F. Goodrich – 0152
- Bosch Rexroth – RDE 90235
- Fives Cincinnati – P-68, P-69, P-70 (light hydraulic oils)
- Danieli – 0.000.001 Type 10 & 11
- DIN – 51524, Part 1 HL, Part 2 HLP, Part 3 HVLP
- Eaton Brochure – 03-401-2010, EFDGN-TB002-E
- Eaton Vickers – I-286-S, M-2950-S, 35VQ25
- FMC – High-Performance Hydraulic Oil
- Ford – M-6C32
- General Motors – LH-04-1, LH-06-1, LH-15-1, LS-2
- ISO 11158 HL, HM, HV
- Jeffrey – #87
- Lee Norse 100-1
- Parker Denison – HF-0, HF-1, HF-2
- Racine – Model S, variable volume vane pump
- SAE MS 1004
- U.S. Steel – 136, 127, 126
- ZF – TE-ML 07H, TE-ML 21M

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