Hicks Oils
845 N. Hickory
DuQuoin, IL 62832

Sales: (314) 525-2568
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FORMULA 500

R&O HYDRAULIC OILS

Formula 500® R&O Hydraulic Oils are formulated with rust and oxidation inhibitors for the use as a non-AW hydraulic fluid and as a general bearing lubricant. These oils are made from selected high viscosity index paraffinic base stocks and premium quality additives to give outstanding performance.

The base oil's high viscosity index imparts superior temperature-viscosity characteristics. Long service life in closed circulation systems is assured by low carbon forming tendency and excellent resistance to oxidation, rust and foaming. The versatility of Formula 500® R&O Hydraulic Oils makes them suitable for a wide variety of applications in the industrial field. They give excellent service in a wide range of chain and enclosed gear drives and are recommended in hydraulic systems where a high quality hydraulic fluid is specified, including heat transfer applications.

Formula 500® R&O Hydraulic Oils are also suitable for use in the circulating systems of a large variety of industrial machinery, and for the lubrication of electric motors and turbo-generators where R&O hydraulic oil is recommended.

These lubricants do not contain anti-wear additives, and should not be used where and anti-wear hydraulic fluid is required. They are zinc-free, allowing them to be used in systems containing silver bearings, or otherwise requiring zinc-free oil.

Formula 500® meets the following performance specifications

- Cincinnati Milacron P-38, P-55, and P-57
- General Electric GEK-32568
- Solar Turbines ES9-224
- DIN 51524, Part 1
- Denison HF-1
- Hägglunds-Denison HF-0 Bench Tests

Typical Properties:

Product:	Formula 500 R&O Hydraulic Oils							
ISO Viscosity	32	46	68	100	150	220	320	460
Product Code	1222	1223	1224	1225	1226	1227	1228	1228
Kinematic Viscosity @ 100 °C cSt (ASTM D-445)	5.4	6.8	8.7	11.4	15.0	19.0	25.0	32.0
Kinematic Viscosity @ 40 °C cSt (ASTM D-445)	32.0	46.0	68.0	100.0	150.0	220.0	320.0	460.0
Viscosity Index (ASTM D-2270)	100	100	100	100	100	100	100	100
Turbine Oxidation (ASTM	5000	5000	5000	4000	2500	1500	1200	1100
RPVOT, min (ASTM)	700	700	600	400	300	300	300	300