



939

R&O HYDRAULIC OIL

- GEAR OILS
- MOTOR OILS
- HYDRAULIC OILS
- PIPE COATINGS
- THREAD SEALANTS
- BEARING GREASES
- SPECIALTY GREASES
- THREAD COMPOUNDS
- SUCKER ROD COATINGS
- OUTSIDE PRESERVATIVES
- WIRELINE GREASE SEALS
- CLEANERS & DEGREASERS
- PIPE STORAGE COMPOUNDS
- RUST & CORROSION INHIBITORS
- THREAD LOCKING COMPOUNDS
- VALVE LUBRICANTS & SEALANTS
- TOOL JOINT & DRILL COLLAR COMPOUNDS

PRODUCT DESCRIPTION

939 R&O Hydraulic Oil is formulated for most hydraulic applications. Available in 32, 46, and 68 viscosities, 939 R&O Hydraulic Oil is manufactured using a high quality base oil and a balanced combination of rust and oxidation additives to ensure maximum protection to hydraulic equipment. It also contains anti-wear and anti-foam additives.

APPLICATION

939 R&O Hydraulic Oil is formulated for most hydraulic applications. It is recommended for non-circulating systems.

RELATED PRODUCTS

- 940 AW Hydraulic Oil
- PM5000 Leak-Free Anti-Lead Hydraulic Oil
- 702 GX® Seal Hydraulic Oil Additive and Sealant

BENEFITS

- Good water-separating characteristics
- Has corrosion inhibitor
- Has antioxidant stabilizer
- Contains anti-wear and anti-foam additives

TYPICAL OBSERVATIONS

	939/32	939/46	939/68
Color	Light Yellow	Light Yellow	Light Yellow
Density, lb/gal @ 77°F (25°C)	7.30	7.32	7.36
Specific Gravity @ 77°F (25°C)	0.875	0.898	0.881
Viscosity, ASTM D-445			
cSt @ 40°C	32	46	68
cSt @ 100°C	6.0	7.5	9.0
Corrosion Prevention Properties, ASTM D-3603 @ 140°F (60°C)	Pass	Pass	Pass
Evaporation Loss, ASTM D-972 @ 210°F (98°C)	Nil	Nil	Nil
Emulsion Test, ASTM D-1401	Pass	Pass	Pass
Viscosity Index	95	95	95
Flash Point	>400°F (>204°C)	>400°F (>204°C)	>400°F (>204°C)
Pour Point	-15°F (-26°C)	-15°F (-26°C)	-15°F (-26°C)
Foam Test, ASTM D-892	Pass	Pass	Pass
Shelf Life (unopened container)	Two years	Two years	Two years

