

FS Turbine R&O Hydraulic Oil

ISO 32, 46, 68, 100, 150, 220, & 320

Description

FS Turbine R&O Hydraulic Oil is designed for use in many applications that require protection against rust and oxidation but do not require anti-wear or extreme-pressure additives. It may be used for lightly loaded plain and anti-friction bearings, electric motors, machine tools, air compressors, and circulating systems that require rust- and oxidation-inhibited oil. FS Turbine R&O Hydraulic Oil also finds application as a gear oil where API Service GL-1 is specified. It is widely used where non detergent motor oils (API SA) are specified.

It separates rapidly from water and is hydrolytically stable. FS Turbine R&O Hydraulic Oil provides excellent foam, friction, and rust and corrosion protection properties. The formulation also provides superior thermal and oxidative stability and filterability.

FS Turbine R&O Hydraulic Oil is formulated with premium-quality paraffinic oils and proprietary ashless additives. The formulation is free of barium, chlorine, lead, and silicone-type additives.

Consult equipment operation manual for viscosity grade recommendations.

Meets or Exceeds:

- AFNOR E 48-600 HL
- API Service GL-1
- Cincinnati Machine P-38, P-45, P-54, P-55, P-57, P-62 (note viscosity grades)
- Denison HF-1
- DIN 51524 Part 1
- US Steel 126

Product Availability:

FS TURBINE R&O Hydraulic ISO 32			
Package Size	Item Number	Package Size	Item
5 Gal. Pail	158165	265-gal. Totes	158602
55-gal. Drum	158601	Bulk	158617

FS TURBINE R&O Hydraulic ISO 46			
Package Size	Item Number	Package Size	Item
5 Gal. Pail	158603	265-gal. Totes	158604
55-gal. Drum	158600	Bulk	158618

FS TURBINE R&O Hydraulic ISO 68			
Package Size	Item Number	Package Size	Item
5 Gal. Pail	16065	265-gal. Totes	16301
55-gal. Drum	16066	Bulk	177228

FS TURBINE R&O Hydraulic ISO 100			
Package Size	Item Number	Package Size	Item
5 Gal. Pail	16067	265-gal. Totes	170144
55-gal. Drum	16068	Bulk	177229

FS TURBINE R&O Hydraulic ISO 150			
Package Size	Item Number	Package Size	Item Number
5 Gal. Pail	158340	265-gal. Totes	16307
55-gal. Drum	16069	Bulk	177230

FS TURBINE R&O Hydraulic ISO 220			
Package Size	Item Number	Package Size	Item Number
5 Gal. Pail	156406	265-gal. Totes	188021
55-gal. Drum	167353	Bulk	177231

FS TURBINE R&O Hydraulic ISO 320			
Package Size	Item Number	Package Size	Item Number
5 Gal. Pail	158625	265-gal. Totes	187920
55-gal. Drum	155376	Bulk	167558



Typical Properties:

Test / Description	Specification						
ISO Grade	32	46	68	100	150	220	320
Viscosity @ 100°C (cSt)	5.4	6.8	9.0	11.3	15.0	18.7	24.0
Viscosity @ 40°C (cSt)	32.0	46.0	68.0	100.0	150.0	220.0	320.0
Viscosity Index	102	101	107	99	100	95	95
Density (lb/gal)	7.14	7.23	7.28	7.31	7.35	7.40	7.36
Pour Point (°C)	-36	-33	-24	-21	-15	-15	-9
Pour Point (°F)	-33	-27	-11	-6	5	5	16
Flash Point (°C)	200	205	210	220	225	230	240
Flash Point (°F)	392	401	410	428	437	446	464
AGMA Number	0	1	2	3	4	5	6
Turbine Oil Stability Test (hrs)	5,000+	5,000+	5,000+	5,000+	5,000+	5,000+	5,000+