

WT HYDRAULIC FLUID – R&O

DESCRIPTION:

WT Hydraulic Fluid R&O is a rust and oxidation (R&O) inhibited, circulating oil developed for use in circulation systems, centrifugal air compressors, geared turbines, lightly loaded enclosed gear drives and many other industrial applications.

APPLICATION:

Suitable for tools and other pneumatic equipment lubricated through airline lubricators, centrifugal air compressors, steam turbines and hydroelectric turbines, both direct-drive and with gear drives. Also suitable for lightly loaded enclosed industrial gear drives where the OEM specifies a R&O type oil, lightly loaded plain and rolling-element bearings, such as those in electric motors and blowers, vacuum pumps, deep-well water pumps and machine tools. General-purpose machinery and shop lubrication.

FEATURES & BENEFITS:

- Good oxidation resistance to minimize sludge and varnish formation
- Mild wear protection
- Protects against rust and corrosion
- Excellent water-separating properties
- Low carbon-forming tendency for use in centrifugal air compressors
- Good foam resistance

PERFORMANCE LEVELS / MEETS OR EXCEEDS:

- DIN 51517-2 (HL)
- DIN 51524-1
- BS 489
- ASTM D4304 TYPE 1
- GEK 101941A, GEK 46506E
- GEK 27070, GEK 28143A
- MIL-L-17672D
- US STEEL 126

TYPICAL PERFORMANCE:

PARAMETERS	ASTM	UNIT	WT OIL HYDRAULIC FLUID R&O				
ISO VG			32	46	68	100	220
Kinematic Viscosity @ 104°F /40°C	D-7042	cSt	32	46	68	100	220
Viscosity Index	D-2270	-	90	90	90	90	90
SP. Gravity @15°C/ 60°F	D-4052	g/cm ³	0.885	0.887	0.888	0.890	0.898
Flash Point (min)	D-92	°C	210	220	230	240	260
Pour Point (max)	D-97	°C	-18	-18	-18	-18	-12
Copper Strip Corrosion, 3 h @ 100° C	D-130	°C	1A	1A	1A	1A	1A