



Product Data Sheet

HYDROTUR R

DESCRIPTION

HYDROTUR R is a multi-purpose, circulating oil that contains a highly effective rust and oxidation (R&O) additive.

PROPERTIES

- Outstanding oxidation resistance and anti-rust property and performance
- Excellent anti-foam characteristics
- Compatible with sealing materials used in hydraulic systems

GRADES

- ISO VG 32, 46, 68, 100, 125, 150, 185, 220, 320, 400

APPLICATION

- Air compressors, plain/anti-friction bearings and hydraulic systems

TYPE

R & O circulating oil

QUALITY LEVELS

- Cincinnati Machine P-38, P-55, P-54, P-57
- General Electric GEK-32568
- Solar Turbines ES9-224
- US Military MIL-H-17672D
- DIN 51524, Part I
- Denison HF-1, HF-0 (Bench Tests)

AVAILABLE PACKAGES

- 200-liter drums, 18-liter pails

TYPICAL CHARACTERISTICS

	32	46	68	100
Specific Gravity at 15.6°C	0.8705	0.8686	0.8735	0.8883
Flash Point, COC, °C	212	218	230	254
Color, ASTM	0.5	1.0	1.0	3.5
Viscosity at 40°C, cSt	31.10	45.00	65.20	105.0
Viscosity at 100°C, cSt	5.40	6.82	8.61	11.51
Viscosity Index	103	101	99	96
Pour Point, °C	-9	-9	-9	-9
	125	150	185	220
Specific Gravity at 15.6°C	0.8911	0.8951	0.8974	0.8985
Flash Point, COC, °C	254	260	268	272
Color, ASTM	3.5	2.5	4.0	4.0
Viscosity at 40°C, cSt	125.0	149.0	187.0	220.0
Viscosity at 100°C, cSt	12.90	14.50	16.80	18.80
Viscosity Index	95	95	95	95
Pour Point, °C	-9	-9	-9	-9
	320	400		
Specific Gravity at 15.6°C	0.9024	0.9042		
Flash Point, COC, °C	280	290		
Color, ASTM	4.0	4.5		
Viscosity at 40°C, cSt	320.0	407.0		
Viscosity at 100°C, cSt	23.96	27.80		
Viscosity Index	95	95		
Pour Point, °C	-9	-9		