

Product Data Sheet



HB-1170 R&O TURBINE HYDRAULIC OIL

22, 32, 46, 68

DESCRIPTION:

HB-1170 R&O TURBINE HYDRAULIC OILS (rust and oxidation inhibited) oils are zinc free, formulated from HVI paraffinic base stock with selected additives to meet lubrication requirements of various turbine systems, hydraulic applications, and air compressors. These products are very oxidation stable and provide excellent anti-foam and air release characteristics.

APPLICATIONS:

HB-1170 R&O TURBINE HYDRAULIC OILS are recommended to meet the requirements of steam turbines, land-based gas turbines, and hydraulic systems where anti-wear characteristics are not a requisite. Other uses include heat transfer systems, gear cases, friction clutches, and other similar industrial applications for long trouble-free service. Premium (R&O) Turbine Oils have excellent thermal and oxidation stability and rust-prevention, anti-foam, and water separation properties.

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Typical Properties

ISO Grade	22	32	46	68
Viscosity, cSt				
At 40 C	21.8	30.2	44.2	66.2
At 100 C	4.5	5.2	6.6	8.5
Viscosity Index	98	98	95	94
Flash Point, (COC) Deg F	380	390	415	445
Pour Point, Deg F	-42	-40	-31	-22
Turbine Oil Stab. ASTM 943	6000	6000	6000	6000
Neut. No., TBN-C, ASTM 974	<0.11	<0.11	<0.11	<0.11
Gravity, API @ 60 F	31.0	30.5	29.7	29.0

The values shown are typical of current production. Some are controlled in the manufacturing process, while others are not. All of them may vary within tolerable ranges.

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