

Product Data Sheet



HB-1170 R&O TURBINE HYDRAULIC OIL

100, 150, 220, 320

DESCRIPTION:

HB-1170 R&O TURBINE HYDRAULIC OILS (rust and oxidation inhibited) 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 formulated to meet typical turbine oils properties and utilization where a high viscosity grade oil is necessary, i.e. gear cases, special bearing systems. These high viscosity premium turbine oils have excellent thermal/oxidation stability and anti-foam properties. These features together with excellent demulsibility and rust protection characteristics make them particularly well suited for multi-purpose industrial applications where higher ISO (grades) viscosities are required. Other applications include machine tools, speed reducers, roller chains, cone drives, helical gear reducers, large motor bearings, plain bearings, slow speed ball and roller bearings and crushers.

H & B Industries, Inc.

9758 Abernathy
Dallas, TX. 75220
(214) 350-1984
info@hbind.com
Website www.hbind.com

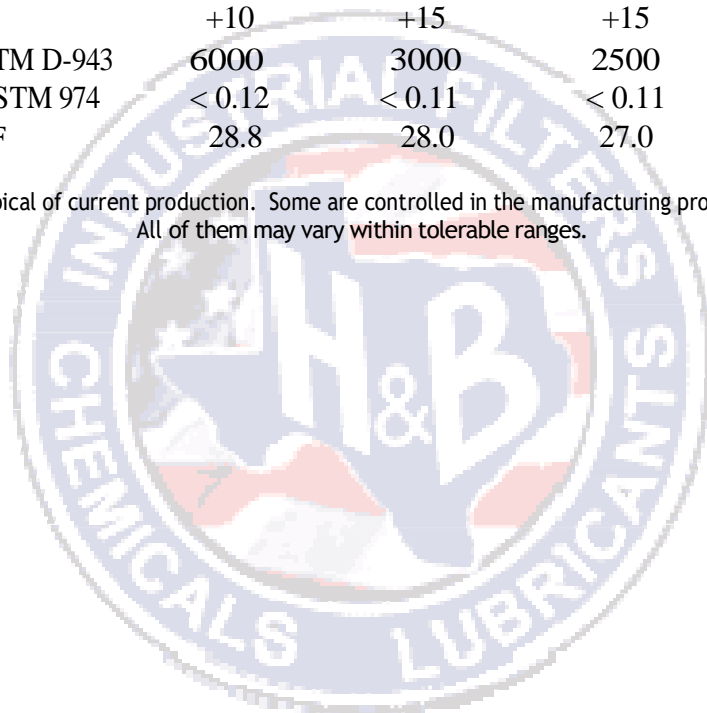
H & B Industries, Inc

301 Crickett Lane
Temple, TX. 76501
(254) 985-2525
hbsupply@hbind.com
Website www.hbind.com

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ISO Grade	<u>Typical Properties</u>			
	100	150	220	320
Viscosity, cSt				
At 40 C	93.8	148	210	304
At 100 C	10.6	14	18	22.5
Viscosity Index	94	91	91	91
Flash Point, (COC)°F	450	465	475	485
Pour Point, °F	+10	+15	+15	+15
Turbine Oil Stab. ASTM D-943	6000	3000	2500	2500
Neut. No., TBN-C, ASTM 974	< 0.12	< 0.11	< 0.11	<0.11
Gravity, API @ 60° F	28.8	28.0	27.0	26.5

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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