

SBK Turbine Oil is a premium-quality rust and oxidation inhibited (R&O) circulating oil formulated from highly refined mineral base oils and advanced additive technology. It is designed to provide outstanding oxidation stability, water separation, corrosion protection, and foam control for steam, gas, and hydro turbines operating under severe service conditions. It is suitable for turbine lubrication systems, governors, bearings, gearboxes, and auxiliary hydraulic systems.

PERFORMANCE, FEATURES & BENEFITS

- Excellent oxidation and thermal stability
- Superior rust and corrosion protection
- Rapid water separation (demulsibility)
- Outstanding air release properties
- Excellent foam suppression
- Long service life
- Good wear protection for bearings and gears
- High resistance to sludge and varnish formation

MAIN APPLICATIONS

- Steam turbines
- Gas turbines
- Hydroelectric turbines
- Combined-cycle turbines
- Turbine gearboxes
- Circulating oil systems
- Hydraulic control systems
- Industrial bearings and compressors requiring R&O oils

PESADO HYDRAULIC OIL HVI

Product Data Sheet

SPECIFICATIONS & RECOMMENDATIONS

- DIN 51515 Part 1 & 2
- ISO 8068
- ASTM D4304 Type I & II
- BS 489

PRODUCT SPECIFICATIONS

TEST PARAMETER	TEST METHOD	TYPICAL VALUE			
Grade	-	32	46	68	100
Appearance	Visual	Clear and bright	Clear and bright	Clear and bright	Clear and bright
KV @ 40°C	ASTM D445	32	46	68	100
KV @ 100°C	ASTM D445	5.5	7.1	8.9	11.5
Viscosity Index	ASTM D2270	108	113	104	102
Density @ 15°C	ASTM D4052	0.8559	0.8573	0.8624	0.8771
Flash Point	ASTM D92	≥ 200	≥ 210	≥ 220	≥ 220
Pour Point	ASTM D97	-18	-18	-15	-15

* Note: Typical value; may vary slightly. Please contact your SBK representative for the current batch COA (Certificate Of Analysis)