

UNITED HYDRO VESTA TURBINE OIL

Product Description

Mineral Turbine Oils formulated from highly refined hydro-treated base stocks and specially selected additives designed to achieve premium turbine oil performance, particularly in the areas of resistance to oxidation and the formation of sludge and varnish at elevated temperatures. The additive components in this oil also afford exceptional rust and corrosion protection.

This product offer outstanding thermal stability, extended service life and strong water separation properties. These qualities make it as an ideal turbine quality lubricant. This product is suitable in all types of turbines system. The anti-oxidation properties plus the other features incorporated into, render them an outstanding choice for turbine use. This product can use in applications in reciprocating compressors, hydraulic systems where anti-wear additives are unacceptable, gear reducers requiring superior rust and oxidation inhibited lubricants, high temperature circulating oil systems, machine tools and electric motor and pump ring oil bearings.

Applications / Benefits

- * Outstanding thermal stability
- * Exceptional protection against rust and corrosion
- * Extensive service life capacity
- * Unsurpassed water separation properties

Typical Characteristics

Test Description	Method	Unit	ISO 22	ISO 32	ISO 46	ISO 68
ISO Viscosity Grade	-	-				
Density @ 15 °C	ASTM D 4052	kg/L	0.848	0.857	0.865	0.867
Flash Point	ASTM D 92	°C	192	220	220	226
Pour Point	ASTM D 97	°C	-27	-24	-21	-18
Kinematic Viscosity @ 40°C	ASTM D 445	cSt	21.68	32.18	46.87	68.37
Kinematic Viscosity @ 100°C	ASTM D 445	cSt	4.355	5.572	6.898	9.003
Viscosity Index	ASTM D 2270	-	109	111	102	106

Typical Characteristics

Test Description	Method	Unit	
ISO Viscosity Grade	-	-	ISO 100
Density @ 15 °C	ASTM D 4052	kg/L	0.875
Flash Point	ASTM D 92	°C	242
Pour Point	ASTM D 97	°C	-15
Kinematic Viscosity @ 40°C	ASTM D 445	cSt	98.66
Kinematic Viscosity @ 100°C	ASTM D 445	cSt	11.88
Viscosity Index	ASTM D 2270	-	99

Specifications, Approvals & Recommendations

* AGMA	9005-F16 R&O
* ASTM	D-4304 TYPE I, II, III
* BRITISH STANDARD	BS 489
* DIN	51506 VDL
* DIN	51515 PART 1 & 2
* DIN	51524 PART 1
* FIVES CINCINNATI	P-38
* GEK	27070
* GEK	28143 B TYPE I
* GEK	32568K
* GEK	46506E
* GEK	101941A
* GEK	121608
* INDIAN STANDARD	IS 1012
* ISO	8068 TSA AND TGA
* ISO	8068 TGE TSE
* ISO	11158 HH & HL
* JIS	K2213 TYPE 2
* SIEMENS FLUID	SPECIFICATION 65/0027
* SIEMENS AG	TLV 9013 04 STANDARD THERMAL STABILITY
* SIEMENS AG	TLV 9013 05 HIGH THERMAL STABILITY
* SOLAR TURBINES	ES 9-224

Reference No.
6521G2TUBOILREV0

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