

## VESTA TURBINE OIL

### PRODUCT DESCRIPTION

Vesta Turbine Oils are formulated from highly refined paraffinic 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 Vesta Turbine Oils also afford exceptional rust and corrosion protection.

Vesta Turbine Oils offer outstanding thermal stability, extended service life and strong water separation properties. These qualities make Vesta Turbine Oil as an ideal turbine quality lubricant.

Vesta Turbine Oils are suitable in all types of turbines system. The anti-oxidation properties plus the other features incorporated into Vesta Turbine Oils render them an outstanding choice for turbine use. Vesta Turbine Oils find 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	TYPICAL RESULTS			
ISO Viscosity Grade		32	46	68	100
Specific Gravity @ 15°C	ASTM D-4052	0.873	0.879	0.883	0.888
Flash Point, °C	ASTM D-92	218	226	232	238
Pour Point, °C	ASTM D-97	- 12	- 9	- 9	- 9
Kinematics Viscosity @ 40°C (cSt)	ASTM D-445	32	46.3	64.2	95.7
@ 100°C (cSt)	ASTM D-445	5.44	6.8	8.3	10.8
Viscosity Index	ASTM D-2270	103	100	99	96
Color	ASTM D-1500	< 0.5	< 1.0	< 1.0	< 1.5

## PERFORMANCE STANDARDS

- MIL-L 17672D
- SIEMEN / KWU TLV 9013 04/01
- AFNOR NFE 48603 HL
- DENISON HF 1
- DIN 51515
- DIN 51524/1