

## VESTA COMPRESSOR OIL

### PRODUCT DESCRIPTION

Vesta Compressor Oils are mineral-based fluids designed for use in air compressors and high temperature circulating systems where freedom from deposit formation is desired. Formulated from high quality paraffinic base stocks. Vesta Compressor Oils is resistant to oxidation, thereby minimizing the formation of acidic oxidation products that can lead to system corrosion and reduced oil life. The naturally high viscosity index of the base fluid provides stable viscosity characteristics and maintaining a tough fluid film, even at high operating temperatures.

Vesta Compressor Oils are fortified with detergent components, which retard the formation of varnish and carbon. The detergent prevents plugging of compressor vane slot and keeps compressor cylinders, check valves and discharge line clean. Vesta Compressor Oils also inhibit formation of sludge intercoolers and aftercoolers.

### APPLICATIONS / BENEFITS

- ❑ Effective detergency action.
- ❑ Minimizes deposit formation.
- ❑ Superior anti-wear properties.
- ❑ Resists oxidation.

### TYPICAL CHARACTERISTICS

TEST DESCRIPTION	METHOD	TYPICAL RESULTS				
		32	46	68	100	150
ISO Viscosity Grade		32	46	68	100	150
Specific Gravity @ 15°C	ASTM D-4052	0.873	0.879	0.883	0.888	0.893
Flash Point, °C	ASTM D-92	218	226	232	238	254
Pour Point, °C	ASTM D-97	- 12	- 9	- 9	- 9	- 9
Kinematics Viscosity @ 40°C (cSt)	ASTM D-445	32	46.3	64.2	95.7	148
@ 100°C (cSt)	ASTM D-445	5.44	6.8	8.3	10.8	14.5
Viscosity Index	ASTM D-2270	103	100	99	96	96
Color	ASTM D-1500	< 0.5	< 1.0	< 1.0	< 1.5	< 2

## PERFORMANCE STANDARDS

- DIN 51506 VDL specifications.
- Suitable for following type of compressors: (1) Screw Compressor; (2) Piston and Reciprocating Compressor; (3) Vacuum Pump Compressor; (4) Airman; and (5) Other Japanese Brand Compressor.