

Majestic™ VCT Oil

VACUUM, COMPRESSOR, & TURBINE



Majestic™ VCT Oil (formerly Majestic Ultra Turbine) is designed for use in industrial vacuum pumps, compressors, and turbines requiring long-lasting protection against wear, rust and corrosion, and varnish deposits. The superior high temperature stability and low volatility ensures long service life under high heat, low pressure conditions with minimal viscosity change. **Majestic VCT Oil** is specially formulated for excellent water separation performance throughout the extended service life.

TYPICAL APPLICATIONS INCLUDE:

Industrial Gas Turbines	Steam Turbines	Blowers
Rotary Air Compressors	Centrifugal Air Compressors	Screw Air Compressors
Liquid Ring Vacuum Pumps	Rotary Vane Vacuum Pumps	Rotary Lobe Vacuum Pump
Multipurpose R&O	Mist Lubrication Systems	Air Line Oilers

Majestic™ VCT Oil Meets or Exceeds:

ISO 6743-3 DVA, DVB, DVC, DVD	ASTM D4304 Type I, II, III	AGMA 9005-F16 R&O
DIN 51506 VBL & VDL	ISO 6743-3 DAA, DAB	ISO 6743-3 DAG, DAH, DAJ

PRODUCT ATTRIBUTE	TEST METHOD	TYPICAL PROPERTIES				
ISO Grade	ASTM D2422	22	32	46	68	100
Viscosity, cSt @ 40°C	ASTM D445	21.7	32	46	68	100
Viscosity, cSt @ 100°C	ASTM D445	4.54	6.0	7.6	9.4	11.5
Viscosity Index	ASTM D2270	125	131	131	117	102
Density, g/ml @ 15.5 °C	ASTM D1298	0.836	0.845	0.849	0.861	0.876
Density, lb/gal @ 60 °F	ASTM D1298	6.98	7.05	7.09	7.19	7.31
Pour Point, °F (°C)	ASTM D97	-38 (-39)	-33 (-36)	-27 (-33)	-22 (-30)	-17 (-27)
Flash Point, °F (°C)	ASTM D92	428 (220)	460 (238)	507 (264)	536 (280)	556 (291)
Noack Volatility, wt%	ASTM D5800	12.5	9	4.5	3	2
Foam, Seq. I, II, III, ml	ASTM D892	0-0, 0-0, 0-0				
Rust Test, Distilled Water	ASTM D665A	Pass				
Rust Test, Synthetic Sea Water	ASTM D665B	Pass				
Water Separability, min @ 54°C	ASTM D1401	5	10	10	15	--
Water Separability, min @ 82°C	ASTM D1401	--	--	--	--	10
Copper Corrosion, 3 hrs @ 121°C	ASTM D130	1b				
RPVOT Oxidation Stability, min	ASTM D2272	>3000				
TOST Oxidation Stability, hrs	ASTM D943	>12000				
FZG Scuffing, A/8.3/90, Fail Stage	ASTM D5182	--	11	12	>12	>12

WARRANTY:

When properly stored and used in accordance with instructions, any material not satisfactory will be replaced with any product in our line on a dollar for dollar basis provided the account is paid in full when due and Hydrotex is notified in writing within 12 months of the date of the order by the customer.

Hydrotex® is a manufacturer and distributor of high performance lubricant and fuel improver solutions. As an employee owned company, we help our customers develop sustainable solutions designed to improve system reliability, save energy, limit pollution, extend fixed asset life, reduce maintenance costs and improve fuel efficiency. Our products and services leverage over 80 years of innovation resulting in superior lubrication solutions and high touch customer service.