

ITURBINE TDG 46

PREMIUM TURBINE OIL

BULWARK ITURBINE TDG OILS are high quality conventional turbine oils that combine excellent aging stability at higher operating temperatures, excellent air release, quick water separation and excellent corrosion inhibition. These oils are free from Zinc, chlorine, PCB and PCT.

BULWARK ITURBINE TDG 46 OIL can be used on steam and gas turbines and several other applications including circulation & bearing lubrication system or hydraulics (with Zinc & Zinc-Free) or light & medium duty Industrial gear & Bearing Oils operating under severe conditions.

Note: These turbine oils are not suitable to use if the OEM recommends use of turbine oils with extreme pressure (EP) and anti-wear properties. Please send us your enquiry with OEM specifications for such high-performance Turbine oils, which are available with BULWARK only on a subject to enquiry basis.

PERFORMANCE LEVEL

- DIN 51515-1 TD
- SIEMENS TLV 901304

KEY BENEFITS

- Multi-use product and provides excellent aging stability
- Excellent air release and quick water separation & corrosion inhibition
- Zinc free product.

TYPICAL CHARACTERISTICS

Properties	Test Methods	46
Density at 15°C, kg/m3	ASTM D4052	0.880
Viscosity at 40 °C, cSt	ASTM D445	46.78
Viscosity at 100°C, cSt	ASTM D445	6.83
Pour point, °C	ASTM D97	-24
Flash point COC, °C	ASTM D92	232
Viscosity Index	ASTM D2270	100
Air release at 50°C, Minute	ASTM D3427	2
Oxidation (TOST)	ASTM D943	>2000
Form Tendency/Form Stability	ASTM D892	
Seg I		0/0
Seg II		0/0
Seg III		0/0
Water Separability at 54 °C	ASTM D1401	
Time for Separation, min		10
Volume of layer (oil - water - emulsion), ml		42-38-0
Copper Corrosion (3 hrs at 100 °C)	ASTM D130	1b

PS: The above information is typical data and an indication based on current production. It does not constitute a specification.

STORAGE

All packages should be stored under cover. Where outside storage is unavoidable, drums should be laid horizontally to avoid the possible ingress of water and the obliteration of drum markings. Products should not be stored above 60°C, exposed to hot sun or freezing conditions.

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