

TURBO CYCLONE ISO VG 46

Premium Steam, Gas, Combined Cycle Turbine Oils

Product Description:

MAG Turbo Cyclone ISO VG 46 are manufactured from the highest quality hydrotreated /hydrocracked base oil fortified with a proprietary ashless additive package. The state of the art additive system offers outstanding protection against oxidation, gives long-term corrosion protection, and helps retain good oil demulsibility in the presence of water.

Benefits:

- High oxidation stability.
- Good thermal stability.
- Excellent hydrolytic stability.
- No sludge formation.
- Good protection against corrosion of steel and non-ferrous metals.
- Good foam behaviour.

Application:

MAG Turbo Cyclone ISO VG 46 have a number of vital functions to perform. It must lubricate and cool the turbine and generator bearings, couplings and reduction gears as well as protect the system from rust, corrosion, and oxidation.

MAG Turbo Cyclone ISO VG 46 are recommended to be applied for lubrication of Industrial steam turbines, Industrial gas turbines, & Power generation combined cycle turbines.

Performance Specifications

DIN	51515 Part 1: L-TD & Part 2: L-TG
Alstom	HTGD 90117 V0001 S
British Standard	BS 489
ISO	8068
Westinghouse Electric Corp.	Meet Specifications
General Electric	GEK 32568 A/C
CEGB Standard	207001
US Steel	120
US Military	MIL-L-17672 D
Siemens	TLV 9013 04 TLV 9013 01
Brown Boveri	HTGD 90117

Typical Test Data:

Physical Characteristics	Test Method	Unit	MAG Turbo Cyclone Oil 46
ISO VG			46
Color	ASTM D-1500	-	1.0
Density @ 25 °C	ASTM D-4052	g/cc	0.856
Kinematic Viscosity @40°C	ASTM D-7042	cSt	46
Kinematic Viscosity @100°C	ASTM D-7042	cSt	7.00
Viscosity Index	ASTM D-2270	-	107
Pour Point	ASTM D-6749	°C	-33
Flash Point, (COC)	ASTM D-92	°C	240
Demulsibility @54°C	ASTM D-1401	Minutes	9
Foaming Sequence I	ASTM D-892	ml / ml	10 / 0
Foaming Sequence II	ASTM D-892	ml / ml	20 / 0
Foaming Sequence III	ASTM D-892	ml / ml	10 / 0
Acid Value - TAN	ASTM D-974	mg KOH/g	0.15

The information prepared indicates the typical properties that are considered as representative. Some variation which will not affect performance is possible.

Health & Safety:

Please refer to the safety data sheet, a copy of which is freely available to all of our customers.