

Mabanol Turbine Oil

Turbine Oils

Application

Mabanol Turbine Oils are designed to service highly stressed steam and industrial gas turbines as well as turbo compressors. Selected additives ensure maximum oil drain intervals even at unfavourable oxidative and thermal loads.

Mabanol Turbine Oils are also used for lubrication in transmissions as well as in hydraulic and circulating systems in cases where the manufacturer has specified turbine oil properties.

Properties

Mabanol Turbine Oils are gas turbine oils produced from top quality base oil refining yields. Their outstanding qualities include their exceptional thermal and ageing stability, very good air release properties, excellent resistance to foaming and high corrosion protection.

The addition of additives in the requisite proportions allows Mabanol Turbine Oils to meet and exceed the requirements of manufacturers of steam and gas turbines and turbo compressors.

Standards

- DIN 51 515 Part 1 L-TD
- DIN 51 515 Part 2 L-TG
- ISO/ 8068 L-TSA, L-TGA, L-TGB, L-TGSB

Approved under a different title / recommended for

- ABB/Alstom HTGD 90117
- General Electric GEK 32568
- General Electric GEK 28143
- Siemens TLV 90 13 05
- MAN Turbomaschinen

Data

Viscosity Classification

	Test method	Unit	46	68
Density at 15°C	DIN ISO 2049	g/cm ³	0,873	0,875
Kin. Viscosity at 40°C	DIN 51 757	mm ² /s	46,6	67
Kin. Viscosity at 100°C	DIN EN ISO 3104	mm ² /s	6,8	8,8
Flash point COC	DIN EN ISO 3104	°C	238	256
Pourpoint	DIN ISO 2909	°C	-12	-9
Neutralization number	DIN ISO 3016	mg KOH/g	0,06	0,04
Air release properties at 50°C	DIN 51 558	min	4	5
Water separation ability	DIN 51 559	s	90	60
RPVOT	DIN EN ISO 6245	min	> 1500	> 1500

Updated in August 2016

The above values may vary within the commercial limits.

Customs Tariff No.: 2710 1981