

Gas Turbine Oil

Gas turbine oil is blended with high quality hydrogenated base oil and well-chosen additive. With outstanding thermal-oxidation stability, it is suitable for lubrication of gas turbine and steam turbine. The product comprises 3 grades such as 32, 46 and 68 according to its kinematic viscosity at 40°C.

Advantages

- ⊙ Outstanding thermal-oxidation performance with low sludge tendency, effectively ensuring long term stable operation of turbine
- ⊙ Good air release performance and anti-foaming ability, effectively reducing cavitation of pump
- ⊙ Outstanding extreme pressure and anti-wear performance, effectively protecting bearing
- ⊙ Excellent water separation ability, rapidly separating water from oil
- ⊙ Outstanding anti-rust and anti-corrosion performance, avoiding rust of equipment

Performance

The product meets the following specifications:

- ⊙ Q/SH303 472-2006

Applications

- ⊙ Suitable for lubrication of gas turbine and gas-steam combined circulation turbine
- ⊙ Suitable for lubrication and sealing in petrochemical industry and gas turbine in fertilizer industry
- ⊙ Suitable for lubrication sealing of steam turbine

Typical properties

Items	Gas turbine oil		
	32	46	68
ISO viscosity grade	32	46	68
Kinematic viscosity (40°C), mm ² /s	30.2	45.3	65.3
Viscosity index	129	128	107
Flash point (COC), °C	242	250	265
Pour point, °C	-15	-15	-9
Oxidation stability (D943), h	>10000	>10000	>10000
FZG gear test, pass level	10	10	10