

TGF (M) 32 Extreme Pressure Gas Turbine Oil

TGF (M) 32 extreme pressure gas turbine oil is blended with hydrogenated base oil and special additive. With perfect high temperature oxidation stability and sludge controlling ability as well as outstanding extreme pressure and anti-wear performance, it has been accredited by MS04-MA-CL003 specification of Mitsubishi Heavy Industry.

Advantages

- ⊙ Perfect high temperature oxidation stability, prolonging service life of oil
- ⊙ Perfect sludge controlling performance, effectively reducing formation of varnish, preventing servo valve from blocking
- ⊙ Good extreme and anti-wear performance, reducing wear and protecting gearbox
- ⊙ Good air release performance and anti-foaming ability, reducing cavitation
- ⊙ Outstanding anti-rust and anti-corrosion performance, effectively avoiding rust of equipment
- ⊙ Excellent anti-emulsion performance, meeting application requirement of combined circulation gas turbine

Performance

The product meets the following specifications:

- ⊙ MHI MS04-MA-CL003
- ⊙ GEK 101941A
- ⊙ Q/SH303 539-2009

Applications

- ⊙ Suitable for lubrication and sealing of high temperature gas turbine with gearbox and combined circulation unit, e.g., BFG Gas Turbine (BFGGT) in steel and petrochemical industries and nuclear power generation gas turbine based on the Pebble Bed Modular Reactor (PBMR) technology

Typical properties

Items	TGF (M) 32 extreme pressure gas turbine oil
Kinematic viscosity (40℃), mm ² /s	32.5
Viscosity index	107
Flash point (COC), ℃	220
Pour point, ℃	-12
Rotary bomb oxygen test (150℃), min	>1000
Oxidation stability (D943), h	>7000