

TURBINE POWER OILS

Steam Turbine Oils

Premium quality, inhibited turbine oils , formulated using highly refined base oils and special rust, oxidation and foam inhibitors, to meet the requirements of steam turbines.

Applications

- Power generation steam turbines
- Industrial steam turbines
- Reciprocating/Rotary-type air compressors.
- Enclosed high speed steam engines.
- High-speed gears
- Certain oil-lubricated bearings.

Piston power Turbine Power may also be used for other industrial applications requiring high quality rust and oxidation (R & O) inhibited oils which separate easily from water but should not be used where silver bearing components are incorporated in the system.

NOTE : Not recommended for use in breathing air compressors)

Performance Features

- **Good thermal and oxidation stability**
Resist the formation of sludge and other harmful products of oxidation. Long oil life
- **Excellent corrosion protection**
High level of corrosion protection of all metal surfaces
- **Excellent oil/water separation properties**
Easy drainage of excess water from lubrication systems
- **Good air release characteristics**
Effective air release without excessive foaming

Performance Specifications

Turbine Power Oils meet the following performance specifications:

- BS 489:1974
- Din 51515 Part 1
- Denison HF-1

Pack Size

- 20L and 210L drums

Typical Characteristics

Turbine Power	32	46	68	100
Kinematic Viscosity @ 40°C cSt 100°C cSt (ASTM D445)	32 5.4	46 6.8	68 8.6	100 11.2
Viscosity Index (ASTM D2270)	101	103	102	98
Density @ 15°C kg/l (ASTM D1298)	0.870	0.874	0.878	0.886
Flash Point °C (COC), (ASTM D92)	207	210	212	248
Pour Point °C (ASTM D97)	-15	-12	-12	-6
Demulsibility Number (IP 19) , max	200	205	210	218
Air release Minutes to 0.2% (air @ 50°C) (DIN 51381)	5	5	5	5