

Tp-30

Turbine oil

DESCRIPTION

Designed from high-quality mineral base oils and effective additive system, including anti-wear, anti-oxidation, anti-corrosion and other additives. The product delivers high performance: superior protection, reliable operation, as well as downtime and drain interval reduction.

APPLICATION

Bearings and auxiliary components of steam turbines, turbo compressors, hydraulic turbines, as well as marine steam turbines and other similar equipment, including hydraulic drives of this machinery.

BENEFITS

- **Corrosion protection**
Special additive protects turbine parts from corrosion
- **Anti-wear properties**
Effective anti-wear additive prolongs life of turbine delivering reliable protection against weld and wear
- **Oxidation resistance**
High-quality base oil and anti-oxidation additive prevent the formation of high-temperature deposits extending the drain interval
- **Demulsifying properties**
Efficient demulsifying agent allows for using the oil in the presence of water

Tp-30 turbine oil is produced under GOST 9972-74. The standard (GOST 9972-74 for Tp-30 turbine oils) meets the requirements of ISO 8068 (Categories ISO-L-TSA and ISO-L-TGA).

TYPICAL PROPERTIES

Tp-30	
Viscosity, cSt @ 40°C	43.5
VI	96
Flash Point, COC, °C	230
Pour Point, °C	-14
Acid Number, mg KOH/g	0.5
Sulphur Content, %	0.3
Oxidation stability after 15h @ 150°C and oxygen consumption 5 dm ³ /h:	
– Sludge, %	0.01
– Total acid	0.5
Demulsibility, min.	2.3
Density @ 15°C, g/cm ³	0.877
Color	1.5

HEALTH AND SAFETY

Proper industrial and personal hygiene, as well as proper application of Tp-30 will not produce adverse effects on health. The lubricants refer to Hazard Class 4 (GOST 12.1.007). Avoid contact with skin. Use protective gloves. In case of contact, flush immediately with water and soap.

Use the product according to its intended purpose. Tp-30 turbine oil is flammable liquid with flash point of 186-220°C. Observe all of laws, rules, regulations and agreements relevant to the environment. Collect and deliver exhaust oils to exhaust fluids reception station. Do not discharge the remaining and exhaust oil into city sewer system, soil or water bodies.

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