

TU 32 TURBINE OIL

Viscosity grad: ISO VG: 32

GENERAL FEATURES:

TU 32 turbine oil is manufactured through processing of petroleum, it is selectively refined and contain antioxidative and anticorrosive additives.

It is featured by:

- high resistance to oxidation,
- very good anticorrosive properties,
- good resistance to emulsifying,
- high ability to release air.

APPLICATION:

TU 32 turbine oil is first of all applied for lubrication and cooling of steam, gas and water turbine bearings. It also may be applied as hydraulic fluid in turbine control systems and for lubrication of turbochargers of main or auxiliary vessel engines driven with exhaust gases, in circulating systems of machines requiring turbine oil quality e.g. in turbo compressors, turbine pumps.

STANDARDS, APPROVALS. SPECIFICATION:

PN-84/C-96059
ISO/DIS 8068
DIN 51 515



Physical and chemical properties:

PARAMETERS	UNIT	TYPICAL VALUES
Kinematic viscosity at. 40°C	mm ² /s	31.5
Viscosity index	-	99
Flow temperature	°C	-15
Ignition temperature	°C	220
Acid value	mg KOH/g	0.09
Corrosiveness to copper, 100°C/3h	reference sample	tough
Emulsion breaking time	s	170
Resistance to oxidation: · acid value increase, · residue content.	mg KOH/g %	0.2 0.01

NOTE:
Physicochemical parameters listed in the table are typical values. Real values are stated in quality control certificates attached to each product lot.

