

TECHNICAL DATA SHEETS

elin TUO series (32, 46, 68, 100)

Description

elin TUO oils are based on highly refined mineral oils, with selective additives to improve their inherent high oxidation stability and to protect against corrosion of ferrous and non-ferrous metals for use in steam, water or gas turbines.

Main Performance Features

1. High oxidation resistance and stability (stable in aggressive environments)
2. Rust and corrosion protection
3. Antifoam Properties
4. Good demulsification characteristics
5. Excellent thermal stability

Typical uses

elin TUO oils are recommended for use in turbines of many types, i.e. steam turbines, hydraulic turbines and gas turbines. They are also suitable for the lubrication of marine steam turbines and reduction gears, turbo-blowers, compressors, steam engines, crank chambers and hydraulic machinery. They also have been well proven in all of these applications, together with many other industrial applications where a high quality lubricating oil is required.

Requirements - Specifications

elin TUO oils meet the below requirements – specifications:

- DIN 51515 Part 1 LTD
- MIL-L-17331 H (SH)
- ISO 6743/5 TSA/TSE/TGA/TGB/TGE

(*) Typical Characteristics

ISO GRADES	32	46	68	100
Density at 15°C, Kg/l	0,876	0,880	0,887	0,889
Kin. Viscosity at 40°C, cSt	32	46	68	100
Kin. Viscosity at 100°C, cSt	5,3	6,7	8,6	11,1
Viscosity Index	95	97	96	95
Flash point (C.O.C.), °C	200	212	220	224
Pour Point, °C	-18	-18	-18	-15

(*) (The above figures are typical of those obtained within normal production tolerances, and do not constitute a specification)

