

Product Information



SUNOCO W.T.O. range

Description The W.T.O. range is based on high quality base oils to which specific additives have been added to get an high resistance against oxidation. They show very little foam behaviour and excellent air separating properties.

Application The W.T.O. range is being applied as system and control oil in water turbines. The oil has to fulfil a number of functions:

- lubrication of the rotor bearings
- lubrication of the variable pitch blades
- lubrication of the transmissions gears
- lubrications of the auxiliary equipment like locks etc.
- hydraulic controls of the shift mechanisms, control devices and auxiliary equipment.

Specifications

- ISO VG 32 and 46
- ASTM D 4304
- DIN 51515 part 1 type L-TD/part 2 type L-TG
- ISO 6743/5 type L-TH
- British Standard BS 489
- MIL-L-17672 D
- US Steel 120

Properties

- Excellent water separating and water resisting properties.
- Adhesiveness to equipment parts.
- Outstanding protection from corrosion.
- High thermal stability and good oxidation control.
- Low foaming tendency.

Typical analysis:

W.T.O.:	32	46
Density at 15° C.	0.85	0.87
Viscosity at 40° C. / cSt.	32	46
Viscosity at 100° C. / cSt.	5.8	6.6
Flash point °C.	215	225
Pour point °C.	-20	-20

All technical data is provided for reference only.

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