

Q8 Turbine Oil O-253

High performance lubricant for turbines and light gears

Description

Q8 Turbine Oil O-253 is high performance lubricating oil for steam turbines and light gear service. The product meets the Netherlands Ministry of Defence Specification for O-253.

Applications

Suitable for marine gearbox lubrication systems, for general mechanical lubrication and in hydraulic applications. Q8 Turbine Oil O-253 is primarily used on HNLMS ships.

Features

Extended oil life

Benefits

Excellent oxidative stability, guaranteeing long oil life under continuous and severe operating conditions

Enhanced technology

Outstanding air release properties and excellent filterability characteristics to ensure safe and reliable operations

Specifications & Approvals

ISO	6743-5 L-TGE	NATO	O-253
ISO	6743-5 L-TSE		

Properties

	Method	Unit	Typical
Appearance	Visual	-	Bright and Clear
Density, 15 °C	D 4052	g/ml	0,881
ISO Viscosity Grade	-	-	68
Kinematic Viscosity, 40 °C	D 445	mm ² /s	68
Kinematic Viscosity, 100 °C	D 445	mm ² /s	8.66
Viscosity Index	D 2270	-	98
Total Acid Number	D 974	mg KOH/g	0.20
Pour Point	D 97	°C	-18
Flash Point, COC	D 92	°C	246
Colour	D 1500	-	L 1.0
Air Release, 50 °C	D 3427	min	8
Emulsion, Distilled Water, 54.4 °C	D 1401	-	10 (40-40-0)
Foam, 10 min settling, seq. 1-2-3	D 892	ml	0/0/0
Foam, 5 min blowing, seq. 1-2-3	D 892	ml	0/10/0
Rust Test, Proc. A and B, 24 h	D 665	-	pass
Copper Strip, 3 h, 100 °C	D 130	-	1b
FZG Test, A/8.3/90	DIN 51354	load stage	8

The figures above are not a specification. They are typical figures obtained within production tolerances.