

STATOIL TURBWAY GT 46

Turbine

APPLICATIONS

TurbWay GT 46 is recommended for use in modern turbines operating under high temperature conditions, for example ABB GT 10. This type of application will oxidate a conventional turbine oil very fast.

For applications operating at lower temperature, TurbWay 46 is recommended instead.

ADVANTAGES

TurbWay GT 46 has very long endurance under high temperature conditions. This product also performs well under high pressure, making it suitable for use in marine turbine applications.

CHARACTERISTICS

TurbWay GT 46 is a product designed for turbines operating at high temperature. In these applications hotspots of between 300 and

350 °C is not uncommon. This place high demands on the oil's stability against oxidation. TurbWay GT 46 is a turbine oil based on synthetic base oil with additives prolonging the oil's life, especially at high temperature. Tests show that TurbWay GT 46 has very good thermal stability. This product is also suitable for use under high pressure conditions, for example in modern marine turbine applications, where the direction of drive is reversed from time to time. TurbWay GT 46 provides fast air release, counteracting cavitation and thus reducing wear.

TYPICAL INSPECTIONS

CHARACTERISTICS	METHODS	UNITS	
Density at 15 °C	ASTM D 4052	kg/m ³	843
Viscosity at 40°C	ASTM D 445	mm ² /s	45.0
Viscosity at 100°C	ASTM D 445	mm ² /s	7.4
Viscosity index	ASTM D 2270	-	129
Flash Point COC	ASTM D 92	°C	253
Pour point	ASTM D 97	°C	-30
Filterability 1.2	"CETOP"	ml/cm ²	104
Filterability	CETOP RP 124 H	%/%	98/85
FZG A/8 - 3/90	CEC-L-07-A-95	FLS	8
TOST	ASTM D 943	h	>8100
RPVOT	ASTM D 2272	min	1600
RPVOT mod	ASTM D 2272 mod	%	100

TESTS AND APPROVALS

Classified as
DIN 51515 (part 2)TD 46, DIN 51524 - (part 1) HL 46
ISO 6743-5: ISO-L-TSA/ISO-L-TSE/ ISO-L-TGA/ ISO-L-TGB/ ISO-L-TGE
Approvals
Siemens TLV 901304
Meets
Siemens Sweden MAT 812102/ 812107/ 812109
AEG-KANIS,
Solar Turbines ES 9-224

HANDLING AND STORAGE

Avoid skin contact.
Wash thoroughly with soap and water, after skin contact.
Dispose of used oils properly.
Safety data sheet available for professional user on request.

The right to change product specifications is reserved.



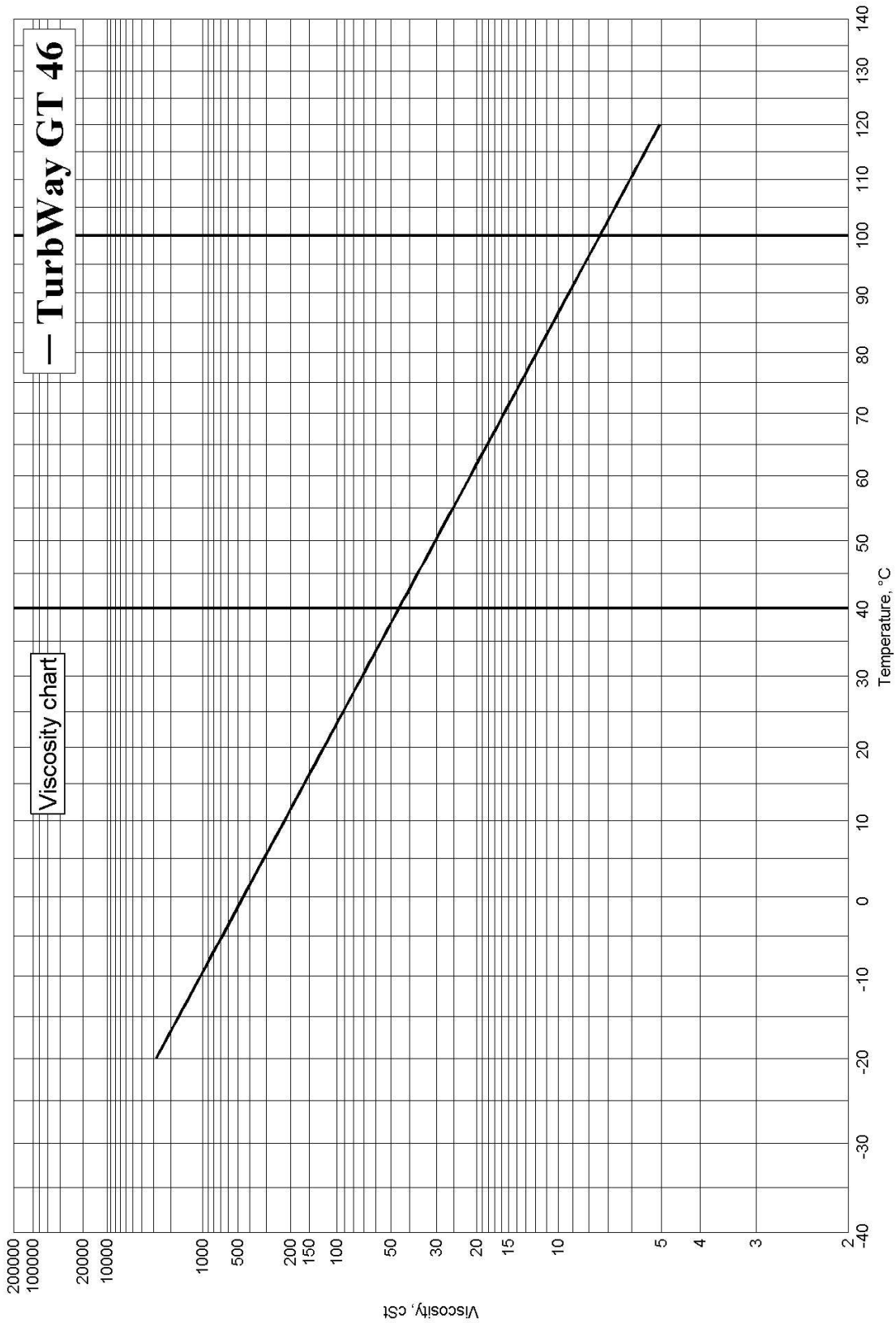
Statoil Lubricants, 118 88 Stockholm.

Customer service tel 08-429 68 50, fax 08-429 68 51, email: smobest@statoil.com

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