



TECHNICAL DATA SHEET

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DYNAMAX TB 32, 46, 68

1. Product description:

DYNAMAX TB 32, 46, 68 are highquality turbine oils made of deeply refined base crude oils improved with additives preventing oxidation, rusting and corrosion. They have very good resistance to formation of permanent emulsion..

Use:

DYNAMAX TB 32, 46, 68 are mainly intended for lubrication of steam, gas and water turbines, turbo-compressors, small air compressors and certain rotary vacuum pumps. They are also used as working media in hydrostatic systems with average requirements for thermo-oxidation stability and lubrication characteristics of the working media - with characteristics of oils of the HL performance class, or possibly as "circulating" lubrication oils of the CL performance class. They are also used for "oil mist" lubrication - pneumatic, or other systems. Typical applications of individual viscosity classes of oils of this group are: lubrication of circulation systems of steam and gas turbines, turbo-compressors, high-speed gearboxes of turbosets etc..

Characteristic properties:

- very good wear protection of lubricated systems
- guaranteed excellent rust protection
- very good oxidation resistance ensures their long service life
- high resistance to formation of permanent emulsion
- low foaming tendency
- good air separability

Specifications:

ISO VG 32, 46 a 68

Quality class:

ISO 6743/5 TS, TSA, TG, TGB
DIN 51 502 TD
ISO 6743/4 HL
DIN 51 515, part 1 L-TD
DIN 51 517, part 2

Approvals:

ČEZ, a.s.
ŠKODA TURBÍNY
SOLAR Turbines (for TB 32, TB 46)

2. Technical parameters:

Parameter, unit		TB 32	TB 46	TB 68
Kinematic viscosity at 40°C, mm ² /s	typical value	32	46	68
Viscosity index	min.	100	105	100
Density at 20°C, kg/m ³	typical value	863	866	870
Pour point, °C	max.	-12	- 12	-12
Flash point (COC), °C	min.	205	225	240
Acid number , mg KOH/g	typical value	0,08	0,08	0,08

Specification variations in these characteristics may occur. Further informations to be available by SDS.