

Turbine oil

REMIZ TG SUPER

REMIZ TG SUPER 32, 46 oils are multi-purpose, high quality semisynthetic turbine oils designed for application in gas, steam and combined cycle gas turbines as well as in compressors and transmissions, for the longest possible operating cycles at various working conditions. The oils meet the OEMs` requirements. Their properties guarantee excellent equipment protection, reliable operation and the oil long service life with the decreased number of stops.

The oils can be used in hydrokinetic clutches, compressors and entry turbines equipped with toothed gears.

The product is formulated upon special high quality, semisynthetic oil bases of the group III and a properly selected package of improvers, due to which the oil can meet the very rigorous requirements of the OEMs and users.

The oil components formula guarantees excellent anticorrosion, anti-oxidation, anti-wear, demulsifying, antifoam and anticorrosion protection with the improved lubrication properties. Due to the oil base type and composition as well as due to the additions, the Remiz TG Super oils have their service life longer than mineral oils. They also allow controlling deposits and keeping the purity of circuits, which is particularly important for lubrication circuits in heavy loaded gas turbines.

Characteristics:

- meet or exceed the requirements of the newest gas and steam turbines,
- allow to avoid mistakes of wrong oil application,
- guarantee high thermal stability and resistance to oxidation,
- prolong oil and equipment life,
- provide excellent anti-wear protection,
- are exceptionally resistant to emulsion formation.
- oil systems and the regulation systems of gas and steam turbines,
- combined cycle of energy production with a common circulation system for a steam turbine and a gas turbine,
- oil circulation systems of a steam turbine,
- suitable for application in compressors and rotary compressors.

№	Requirements	Research methods by	Unit	Value	
				Remiz TG Super 32	Remiz TG Super 46
1.	Kinematic viscosity at 40°C	ASTM D-445	mm ² /s	32	46
2.	Viscosity index, not less than	ASTM D-2270		125	125
3.	TOST Test	ASTM D-943	h	>8000	>8000
4.	RBOT Test	ASTM D-2272	min	>1200	>1200

The above given data are the typical values for a production batch, they are not included in technical specification, and they are subject to change due to continual product research and development.

Specification, classification:

ISO 6743-5:2006 L-TGE
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ISO 6743-3:2003 L-DAJ
ISO 6743-4:1999 L-HL
GE GEK 32568F
GE GEK 107395
GE GEK 101941
GEK 32568G
Solar ES 9-224
BS 489-1999
GEC Alstom NBA P50001
ISO 8068
DIN 51515 cz.1 i 2
Brown-Boveri HTGD 90117

Approvals:

Alstom HTGD 90117
SIEMENS TLV 9013 04

Packaging:

180 kg, 1 tona

Storage:

The products should be stored under a roof. If they are stored in the open air where they can be exposed to atmospheric conditions – rains, they should be placed in a horizontal position in order to avoid inrush of water to a container and to prevent label damaging; they should be covered with tarpaulin.

The products should not be stored at the temperature above 60°C and in the places where solar radiation is very strong or – temperatures very low. The expiry date is 3 years if the storage conditions are satisfied.

Health, industrial safety and the Environment:

Information concerning safety is included in the product Safety Sheet. It contains detailed information on possible threats, warnings, first aid as well as the impact on the environment and ways of utilization of the used products. LOTOS Oil SA and the cooperating companies do not take responsibility for misuse of the product or – the use with the violation of the precautions given. Before using the product for other than recommended purposes, seek advice in the local LOTOS Oil SA office.

The information provided in this data sheet is not intended to constitute an offer within the meaning of the Act of 23rd April 1964 - Civil Code. LOTOS Oil S.A. bears no responsibility for whatever effects of use (particularly in trade and investment decision-making) of information contained herein. Any data contained in the MSDS are typical process tolerance values and they are subject to change due to continual product research and development. Information provided in this document may undergo changes. LOTOS Oil S.A. is not responsible for the product availability.

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