



GS Caltex India Private Limited

GS Turbine Oil

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Global Premium Lubricants



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ISO 32/46/68/100

Premium quality inhibited turbine oil. Contains highly effective rust, oxidation and foam inhibitors and is formulated to provide good air release properties.

APPLICATIONS

- Recommended for use in the lubrication systems of mineral-oil-lubricated steam and hydraulic turbines operating under all service conditions.
- Also for use in industrial-type gas turbines under moderate service where the oil is not exposed to high temperatures.
- Suitable for use in air compressors, bath and circulating systems supplying bearings of all types, lightly loaded gear sets, pumps, electric motors and low to moderate-pressure hydraulic systems where anti-wear or other special properties are not required.

PERFORMANCE STANDARDS

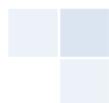
- Meets the requirements of British Standard BS489:1983(grades 32 through 68) and German Standard DIN 51515 Part 1
- Also meets the gear oil requirements of David Brown Table M

BENEFITS

- Long service life assured by outstanding oxidation resistance
- Maintains high power output by resisting air entrainment in oil circulation
- Allows easy removal of water
- Protects against rust
- Allows one oil to be used for both turbine and non-turbine applications

KEY PROPERTIES

ISO Grade	Density, kg/liter @15°C	Viscosity (mm ² /s)		Viscosity Index	Pour Point (°C)	Flash Point (°C)	Oxidation Stability	
		@40°C	@100°C				D943, Hrs to 2.0 Acid NO	IP 280(TOP), mass%
32	0.841	30.6	5.7	131	-18	222	4000	0.24
46	0.844	43.9	7.3	130	-18	250	4000	0.26
68	0.852	64.6	9.3	125	-18	256	4000	0.27
100	0.857	92.8	11	104	-15	258	4000	0.28



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This bulletin was prepared in good faith from the best information available at the time of issue. While the values and characteristics are considered representative, some variation, not affecting performance, can be expected. It is the responsibility of the user to ensure that the products are used in the applications for which they are intended.

Produced by GS Caltex Corporation.
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