SAVSOL SUPER TURBINE FLUID

DESCRIPTION:

SAVSOL SUPER TURBINE FLUID are high quality super long life Turbine oils. They are formulated with high quality hydro-treated base oils and fortified with Anti-Wear & Rust Inhibitor additives which give excellent protection to all components of steam and gas turbines.

APPLICATION:

SAVSOL SUPER TURBINE FLUID recommended for use in large open and combined cycle, gas and steam turbines, high speed turbo compressors, turbo compressors for gas and atomic power generation turbines. These fluids offer long life nearly twice that of conventional turbine oils.

SPECIFICATIONS & APPROVALS:

SAVSOL SUPER TURBINE FLUID Turbine Oils meet the specification requirements of leading OEMs like BHEL, Siemens, GE, ABB, Triveni Turbines, DLF and SKODA.

- IS 1012-2002 Specification.

ADVANTAGES:

SAVSOL SUPER TURBINE FLUID Turbine Oils offer the following advantages:

- Formulated with high quality hydro-treated base oils which offers excellent thermal stability.
- Protect internal surfaces from rust & corrosion.
- Transport excess heat away from bearings to the oil coolers and maintain even heat distribution.
- Lubricate Oil circulation and jacking pumps.
- Excellent transportation of particulate material to filters for removal.
- Formulated to display outstanding water separation properties not only for the fresh oil, but throughout the oil's life for efficient lubrication.
- Robust Rust & Anti-corrosion performance for maximum equipment protection.
- Good oxidation resistance provides excellent life to the turbine as well as oil.
- Its Silicon free antifoam gives excellent foam control which results in reliable operation.

Savita Oil Technologies Ltd
66/67, Nariman Bhavan, Nariman Point, Mumbai 400 021, India.
T: +91 22 2288 3061 / 64 F: +91 22 2202 9364
W: www. savsol.com E: customersupport@savita.com

SAVSOL SUPER TURBINE FLUID

TECHNICAL SPECIFICATIONS: SAVSOL SUPER TURBINE FLUID

Characteristics	ASTM METHOD	SAVSOL SUPER TURBINE FLUID			
		VG 32	VG 46	VG 57	VG 68
Density @ 29.5^{0}C, gm/cm^3	ASTM D 1298	0.8520	0.8540	0.8510	0.8590
ASTM Colour	ASTM D 1500	L0.5	L0.5	L0.5	L0.5
Flash Point, COC, ^{0}C	ASTM D 92	220	226	232	236
Pour Point, ^{0}C	ASTM D 97	-15	-15	-15	-12
Kinematic Viscosity @ 40^{0}C, cSt	ASTM D 445	30.90	45.40	56.44	66.10
Kinematic Viscosity @ 100^{0}C, cSt	ASTM D 445	5.37	6.85	7.95	8.80
Viscosity Index	ASTM D 2270	107	106	107	106
Total Acid Number, mg KOH/gm	ASTM D 664	0.07	0.07	0.07	0.07
Copper Corrosion Test	ASTM D 130	1a	1a	1a	1a
Emulsion Characteristics, min	ASTM D 1401	40-40-0(5)	40-40-0 (5)	40-40-0 (5)	40-40-0 (10)
Foaming Characteristics Seq.I at 24^{0}C Seq.II at 93.5^{0}C Seq.III after 93.5^{0}C	ASTM D 892	 0/0 0/0 0/0	 0/0 0/0 0/0	 0/0 0/0 0/0	 0/0 0/0 0/0

The above details are typical results of normal production and variations in these characteristics may occur. The information contained herein is subject to change without notification. All recommendations and suggestions are without guarantee and the manufacturers do not accept liability for any loss or damage, however arising, which results directly from the use of such information, nor do we offer any warranty.

Storage:

Store the products indoors and avoid direct sunlight or heat. Please keep the container in closed condition always.

Environment, Health and Safety

- Do not dispose the used oil to soil, drains and water. Dispose the used oil through authorized collection point
- This product is unlikely to present any safety & health hazard when properly used in the recommended application.
- Avoid contact with skin and eyes. After skin contact, wash with water and soap.

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