

SAVSOL GEAR OIL EP SERIES

DESCRIPTION:

SAVSOL GEAR OIL EP Series are premium quality extreme pressure industrial Gear lubricants meeting the stringent requirements of new generation gears of heavy industrial machinery. These oils are blended with high viscosity index base stocks and EP additives based on sulphur & phosphorus chemistry to provide the protection to machine gears against wear and corrosion.

APPLICATION:

SAVSOL GEAR OIL EP Series Gear Oils can be used in enclosed gear drives of industrial machinery working under heavy to shock load conditions. It can be used for lubrication of roller bearings, chain drives, highly loaded drives under extreme pressure conditions. Recommended for use in hydraulic systems where high temperature, pressure and pump speed are encountered. Also suitable for Systems requiring Anti-Wear properties.

SPECIFICATIONS & APPROVALS:

SAVSOL GEAR OIL EP SERIES meet the following performance specification requirements:

- DIN 51517 Part III
- ISO 12925-1 CKC/CKD
- U. S. Steel 224
- AGMA/ANSI 9005-E02
- David Brown Type M, A & E

ADVANTAGES:

SAVSOL GEAR OIL EP SERIES oils offer the following advantages:

- Formulated with high quality hydro-treated base oils offers excellent thermal stability.
- Excellent resistance to oxidation to control the formation of deposits.
- Carefully selected rust & corrosion inhibitor protects the components of hydraulic systems.
- Outstanding anti-rust protection.
- Excellent Anti-Foam properties ensure superior response.
- Compatible with sealing materials commonly used.

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TECHNICAL SPECIFICATIONS: SAVSOL GEAR OIL EP SERIES

PROPERTIES	ASTM TEST METHOD	TYPICAL VALUES					
		EP 68	EP 100	EP 150	EP 220	EP 320	EP 460
Appearance	Visual	Clear & Bright					
Colour ASTM	D1500	L1.0	L1.0	L2.0	L3.0	L3.0	L4.5
Density @ 29.5°C, gm/cm ³	D1298	0.8602	0.8630	0.8710	0.8870	0.8920	0.8980
Kinematic Viscosity @ 40°C, cSt	D445	68.20	97.6	151.4	217.3	322.1	459.6
Kinematic @ 100°C, cSt	D445	8.90	11.32	15.05	18.71	24.30	30.885
Viscosity Index	D2270	104	102	99	95	95	97
Flash Point, COC, °C	D92	228	228	238	232	236	270
Pour Point, °C	D97	-15	-15	-12	-12	-12	-6
Copper Strip Corrosion Test	D130	Pass	Pass	Pass	Pass	Pass	Pass

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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