

# SAVSOL Comp Proteckt LD Series

## DESCRIPTION:

**SAVSOL Comp Proteckt LD Series** is high-performance lubricant specifically formulated for use in air compressors. These fluids are made with advanced base oils that undergo a high-purity hydro-treated process, as well as hydro isomerized and dewaxed oils to optimize lubricant performance. These fluids are enhanced with a carefully selected blend of additives to ensure optimal synergy and performance. The resulting fluid offers excellent oxidation stability, corrosion resistance, deposit control, wear protection and low volatility.

**SAVSOL Comp Proteckt LD Series** provides up to 5,000 hours of continuous, reliable operation, ensuring effective lubrication, sealing, and efficient heat removal to maintain optimal compressor performance.

## APPLICATION:

**SAVSOL Comp Proteckt LD Series** is designed to provide effective lubrication and cooling for various types of compressors, including rotary vane, reciprocating, centrifugal, and lobe air compressors. It is also suitable for mobile and stationary applications.

This fluid is suitable for use in compressors handling air as well as inert gases such as nitrogen, argon, hydrogen, helium, carbon dioxide, carbon monoxide, and blast furnace gas.

## ADVANTAGES:

**SAVSOL Comp Proteckt LD Series** offers the following benefits:

Excellent Thermal and Oxidation Stability	Ensures consistent performance under high temperatures and pressures, extending oil drain intervals and improving overall equipment reliability.
Very Good Anti-Wear Protection	Minimizes wear on equipment components, contributing to longer equipment life and reduced maintenance needs.
Superior Air Release and Foam Stability	Promotes smooth compressor operation by enabling quick air release, preventing foam formation, and reducing air-related damage.
Very Good Water Separability	Effectively separates water from the system, preventing water-related damage and maintaining system efficiency, which lowers maintenance costs.
Excellent Rust & Corrosion Protection	Protects against corrosion in the presence of water, ensuring longer equipment life and reducing downtime due to corrosion-related issues.
Superior Varnish and Deposit Control	Prevents varnish formation and maintains cleanliness of internal surfaces, which extends equipment life and optimizes performance.
Superior Compatibility with Seals and Elastomers	Prevents oil leaks and contamination by ensuring compatibility with most seals and elastomers, minimizing system contamination.

# SAVSOL Comp Proteckt LD Series

## TECHNICAL SPECIFICATIONS

PROPERTIES	ASTM TEST METHOD	TYPICAL VALUES		
		ISO VG 32	ISO VG 46	ISO VG 68
Appearance	Visual	Bright & Clear	Bright & Clear	Bright & Clear
Colour ASTM	D1500	L0.5	L0.5	L0.5
Density @ 29.5°C, gm/cm <sup>3</sup>	D4052	0.8447	0.8356	0.8473
Kinematic Viscosity @ 40°C, cSt	D7042	32.28	46.18	68.63
Kinematic Viscosity @ 100°C, cSt	D7042	5.86	7.74	9.90
Viscosity Index	D2270	126	136	127
Flash Point, COC, °C	D92	236	242	246
Pour Point °C	D97	-33	-33	-33
Total Acid Number, mg KOH/g	D974	0.22	0.20	0.21
Air Release Value, Minutes	D3427	1.32	1.45	2.48
RPVOT, Minutes	D2272	>1600	>1600	>1600
Foaming Characteristics, ml	D894	00/10/00	20/10/20	10/10/10
Copper Strip Corrosion	D130	1a	1a	1a

The above details are typical results under normal production conditions and could vary depending upon external factors.

The information provided herein is subject to change without notification depending upon change in specifications of the products.

We make no warranties other than the specifications of the product, express or implied, and hereby disclaim all express or implied warranties, including warranty of any recommendations, merchantability and fitness of the product for a particular purpose.

We shall not be liable for any direct, indirect, incidental, punitive or consequential damages unless otherwise agreed by us in writing.

### 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 effectively used in the recommended application.
- Avoid contact with skin and eyes. After skin contact, wash with water and soap.

Rev.No.00 dtd 25th Nov. 2024