

# SAVSOL CompShield

## DESCRIPTION:

**SAVSOL CompShield** is a high-performance air compressor fluid designed for maximum efficiency and reliability, featuring exceptional stability, extended oil lifetimes (up to 6,000 hours), and adherence to rigorous industry standards.

This cutting-edge line of air compressor fluids, engineered to deliver exceptional oxidative and thermal resilience. Perfectly suited for oil-injected screw compressors, these fluids also demonstrate versatility in piston and vane compressors. Exceeding stringent DIN 51506 VDL standards, offering universal compatibility and seamless miscibility with other mineral oil-based compressor oils.

## APPLICATION:

**SAVSOL CompShield** Compressor Fluids are specifically designed for use in oil-injected screw, vane, and piston compressors, offering exceptional oxidative and thermal stability, extended oil service life, and universal compatibility with mineral oil-based compressor oils.

## ADVANTAGES:

**SAVSOL CompShield** offers the following benefits:

- Resists oxidation and heat damage for reliable performance.
- Reduces fluid loss and maintenance needs.
- Prevents foam build up for efficient compressor operation.
- Maintains optimal viscosity in changing temperatures.
- Safeguards metal components from damage.
- Minimizes air pockets and compressor issues.
- Leaves minimal deposits, reducing maintenance and downtime.

## SPECIFICATIONS:

Meets or Exceeds the Requirements of the following Industry Standards and Specifications for Compressor Oils:

- DIN 51506 (VBL, VCL, VDL)
- SO/DP 6521 (DAA, DAB, DAH, DAG)

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## TECHNICAL SPECIFICATIONS

PROPERTIES	ASTM TEST METHOD	TYPICAL VALUE	
		ISO VG 32	ISO VG 46
Appearance	Visual	Bright & Clear	Bright & Clear
Colour ASTM	D1500	L0.5	L0.5
Density @ 29.5°C, gm/cm <sup>3</sup>	D1298	0.8320	0.8380
Kinematic Viscosity @ 40°C, cSt	D445	31.80	48.80
Kinematic Viscosity @ 100°C, cSt	D445	6.06	8.05
Viscosity Index	D2270	139	136
Flash Point, COC, °C	D92	230	238
Pour Point °C	D97	<-36	-33
Total Acid Number, mg KOH/g	D974	0.1	0.1
Air Release Value, Minutes	D3427	2.0	1.10
Oxidation Stability. RPVOT, Min	D2272	>1150	>1150

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.

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