

# SAVSOL HY FLUID HAFE SERIES

## **DESCRIPTION:**

**SAVSOL HY FLUID HAFE** Series Oils are high performance High Viscosity Index, Ashless and Fuel Efficient Hydraulic Oils for modern Hydraulic systems. Savsol Hy Fluid HAFE oils are blended from highly refined hydro treated high viscosity index base oils along with Premium Ashless Hydraulic Technology with the environment in mind. It provides excellent protection to hydraulic systems against wear, corrosion, rust, oxidation and foaming.

## **APPLICATION:**

**SAVSOL HY FLUID HAFE** Series Hydraulic Oils can be used in all new technology hydraulic equipment's to reduce the fuel consumption and hence increase the productivity. Recommended for use in hydraulic systems wherein the power and controls systems are subjected to extreme ambient temperatures. Also best suitable for high precision hydraulic operations where longer drain intervals & wet filterability is desired in more water prone areas. SAVSOL Hy Fluid HAFE series available in ISO 32, 46, 68 & 100 Viscosity Grades.

## **SPECIFICATIONS & APPROVALS:**

**SAVSOL HY FLUID HAFE** Series Hydraulic Oils meet the following performance specification requirements:

- DIN 51524 Part III, II & I
- Parker (formerly Denison) HF-0, HF-1, HF-2 (HV/HM)
- SAE MS 1004 Type H Hydraulic Oil Specifications (HV Anti-wear & Viscosity Improver)
- AGMA 9005-E02 Anti-wear
- ISO 11158 (HV & HM)
- Cincinnati MAG P-68 (VG 32), P-69 (VG 68) & P-70 (VG 46)
- GM LS-2
- Bosch Rexroth RE 90220
- Eaton Vickers 35VQ25

## **ADVANTAGES:**

**SAVSOL HY FLUID HAFE** Series Hydraulic Oils offer the following advantages:

- Excellent Oxidation & Thermal Stability results to extended oil drain interval.
- Very good sludge & particulate control.
- Improved filterability and consequently less downtime.
- Superior Wear protection – Delivering maximized equipment life and reduced maintenance cost.
- No compatibility issues – Compatible with other Zinc based and other Ashless hydraulic fluids.
- Excellent hydrolytic stability.
- Long Oil and filter life and ensuring unsurpassed equipment protection.

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## **TECHNICAL SPECIFICATIONS: SAVSOL HY FLUID HAFE SERIES**

PROPERTIES	ASTM TEST METHOD	TYPICAL VALUES			
		HAFE 32	HAFE 46	HAFE 68	HAFE 100
Appearance	Visual	Clear & Bright			
Colour ASTM	D1500	L0.5	L0.5	L0.5	L0.5
Density @ 29.5 °C, gm/cm <sup>3</sup>	D1298	0.8350	0.8472	0.8490	0.8560
Kinematic Viscosity @ 40°C, cSt	D445	31.38	47.50	66.87	102.3
Kinematic Viscosity @ 100°C, cSt	D445	6.893	9.456	11.60	15.15
Viscosity Index	D2270	190	187	169	156
Flash Point, COC, °C	D92	214	224	232	242
Pour Point, °C	D97	-36	-36	-33	-30
Demulsibility Test	D1401	Pass	Pass	Pass	Pass
Copper Strip Corrosion Test	D130	Pass	Pass	Pass	Pass
NAS Cleanliness	NAS 1638	8	8	8	8

*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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