



SAVSOL HY FLUID AW SERIES

DESCRIPTION:

SAVSOL HY FLUID AW Series Hydraulic Oils are high performance Anti-Wear hydraulic oil blended from highly refined hydro treated high viscosity index base oils fortified with Anti-Wear, Anti-Rust, Anti-Oxidant, Anti-corrosion and anti-foam additives to provide excellent protection against wear, rust & corrosion and oxidation.

APPLICATION:

SAVSOL HY FLUID AW Series Hydraulic Oils can be used in hydraulic systems operating under moderate to severe conditions. Recommended for use in hydraulic systems where high temperature, pressure and pump speed are encountered. Suitable for hydraulic systems, enclosed gear boxes, chain drives, vacuum pumps, machine tools etc.

SPECIFICATIONS & APPROVALS:

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

- DIN 51524 Part II HLP
- IS 10522-1983 (Reaffirmed 1993) (Vis grades of 32 to 150)

ADVANTAGES:

SAVSOL HY FLUID AW Series Hydraulic Oils offer the following advantages:

- Superior Anti-wear property provides longer pump and component life and reduces the cost.
- Excellent Oxidation stability controls the formation of sludge & varnish and improves the oil life.
- Maintains good film strength.
- Carefully selected rust & corrosion inhibitor protects the components of hydraulic systems.
- Outstanding water separation property helps in resisting the formation of emulsion and rust.
- Excellent corrosion resistance to prevent corrosion & rusting.
- Compatible with sealing materials commonly used in hydraulic systems.
- Provides long and trouble free service life.

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TECHNICAL SPECIFICATIONS: SAVSOL HY FLUID AW SERIES

PROPERTIES	ASTM TEST METHOD	TYPICAL VALUES							
		AW 32	AW 46	AW 68	AW 100	AW 150	AW 220	AW 320	AW 460
Appearance	Visual	Clear & Bright							
Colour ASTM	D1500	L1.0	L1.0	L1.0	L1.0	L1.5	L3.0	L3.5	L4.5
Density @ 29.5°C, gm/cm ³	D1298	0.8540	0.8565	0.8602	0.8630	0.8710	0.8790	0.8850	0.8940
Kinematic Viscosity @ 40°C, cSt	D445	30.80	45.60	68.20	97.6	151.4	221.4	320.1	465.6
Kinematic Viscosity @ 100°C, cSt	D445	5.32	6.83	8.90	11.32	15.05	19.3	24.4	30.80
Viscosity Index	D2270	105	104	104	102	99	98	97	96
Flash Point, COC, °C	D92	214	220	228	240	246	250	252	260
Pour Point, °C	D97	-18	-15	-15	-15	-9	-9	-9	-6
Rust Test	D665	Pass	Pass	Pass	Pass	Pass	Pass	Pass	Pass
Demulsibility Test	D1401	Pass	Pass	Pass	Pass	Pass	Pass	Pass	Pass
Copper Strip Corrosion Test	D130	Pass	Pass	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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