



SARASWATI OIL EMPORIUM

SOE HydroWiss AW

SOE HydroWiss AW are designed for use in circulating systems are made from high viscosity index, chemical stable base stocks which are further fortified with antioxidants, anticorrosion, antiwear and antifoam additives. They meet the requirement of very high pressure system and also of systems where high pump speeds are encountered.



GRADES:

SOE HydroWiss AW range is available in the following ISO VG grades – 32, 46 and 68

APPLICATIONS:

SOE HydroWiss AW range is recommended for hydraulic power systems and a wide variety of circulation systems of industrial and automotive equipment. They are suitable for precision hydraulic systems requiring very high control of fluid viscosity. They are also used in general manufacturing, power and metal equipment. SOE HydroWiss AW fluids are compatible with seal materials and paints normally specified for use in hydraulic systems with mineral oils.

PERFORMANCE/BENEFITS:

- Right Viscosity to satisfy the demands of the hydraulic pump and the designed system.
- High Viscosity Index to restrict viscosity changes under operating conditions.
- Good film strength and antiwear properties to minimise wear of pumps, valves, cylinders, pistons etc.
- Maximum Demulsibility to allow entrained water to settle down.
- Excellent corrosion resistance to prevent rusting and corrosion of metal parts.
- Resistance to foaming to ensure prompt and efficient functioning.
- High chemical stability to ensure long and trouble free service life.

SPECIFICATIONS:

- IS 10522:1983 (Reaffirmed 1993)
- IPSS: 1-09-022
- Vickers V-104C Vane Pump Test

STORAGE & HANDLING:

The product should be stored inside. Keep it properly sealed to avoid contamination. Avoid freezing. Shelf life is 5 yrs. under protected storage conditions.

HEALTH & SAFETY:

They are unlikely to be hazardous when properly used in recommended applications. Contamination of the oil from other oils, greases, chemicals, dirty water etc. can occur during the use. It should be avoided. Regular monitoring of the in-use product is recommended.

TYPICAL PHYSICO-CHEMICAL DATA: SOE HYDROWISS AW

Characteristics	Method	32	46	68
Appearance	Visual	Clear	Clear	Clear
Kinematic Viscosity @40°C, cSt	ASTM D445	29-34	42-50	62-68
Viscosity Index	ASTM D2270	90	90	90
Flash Point, COC, °C	ASTM D92	190	190	210
Pour Point, °C	ASTM D97	-3	-3	-3
Neutralisation Number (Mg KOH/GM, Max)	ASTM D130	1.5	1.5	1.5