

# Super S<sup>®</sup> AW Hydraulic Fluid

## TECHNICAL PRODUCT INFORMATION



### **Super S AW Hydraulic Fluid**

**Super S AW Hydraulic Fluid** is a general purpose anti-wear, rust, corrosion and oxidation inhibited oil that provides excellent water separation and demulsibility. It is specially formulated to suppress foaming while also allowing rapid air release, improving hydraulic system performance and helping to prevent pump cavitation. Oxidation inhibitors provide control of sludge and varnish deposits, and increase service life. It is suitable for use where service requirements are light to moderate, and heavy-duty wear or long-term service is not critical, and is available in viscosity grades ISO VG22 to ISO VG100. When used in the proper grade, it will provide excellent service in hydraulic systems and air compressors, industrial bearings, hoists and machine tools, and circulating, splash, bath and ring lube systems for bearings and gears.

### **FEATURES/ BENEFITS**

**Super S AW Hydraulic Fluids** are available in viscosity grades from ISO VG 22 to ISO VG 100 and are formulated:

- with anti-wear protection for equipment operating under high pressures and loads
- with oxidation inhibitors which provide sludge and deposit control, and longer service life
- with rust and corrosion protection for all system components
- to provide excellent water separation and demulsibility
- to provide excellent anti-foam properties and rapid air release

### **APPLICATIONS**

**Super S AW Hydraulic Fluids** are recommended for applications calling for anti-wear, rust and oxidation inhibited oils including:

- Hydraulic systems
- Air compressors
- Industrial bearings
- Circulating systems; splash, bath and ring lube systems for bearings and gears
- A myriad of assorted industrial applications: hoists, machine tools, etc.
- Gear sets not requiring an EP gear oil
- Bath, splash circulating or mist systems

### **SPECIAL HANDLING, NOTICES OR WARNINGS**

Use the same care and handling as for any petroleum product.

**TYPICAL CHARACTERISTICS**

Super S® AW Hydraulic Fluid						
Property	Test Method ASTM -D	ISO Viscosity Grade				
		22	32	46	68	100
AGMA Grade				1	2	3
Gravity °API	1298	29.5	29	28.5	28	27
Pour Point, °C/°F	97	-32/-25	-32/-25	-29/-20	-29/-20	-23/-10
Viscosity cSt @ 40°C	445	22	32	46	68	100
Color	1500	2.0 max	2.0 max	2.0 max	2.5 max	2.5 max
Oxidation Life Hrs to 2.0 Acid No.	943	1500	1500	1500	1500	1500

Typical test data are average values only.  
 Minor variations which do not affect product performance are to be expected during normal manufacturing.

**PRODUCT NUMBERS**

ISO 22

- SUS 22 5 gallon pail
- SUS 22-5 55 gallon drum

ISO 32

- SUS 36-3 3/1 gallon bottles
- SUS 36-1 6/1 gallon bottles
- SUS 36 5 gallon pail
- SUS 37 55 gallon drum
- SUS 37 275 Gal Tote
- SUS 37Bulk Bulk
- SUS 37BD Bulk/Drum

ISO 46

- SUS 38 5 gallon pail
- SUS 63 55 gallon drum
- SUS 63Tote 275 Gal Tote
- SUS 63Bulk Bulk
- SUS 63 BD Bulk/Drum

ISO 68

- SUS 40-3 3/1 gallon bottles
- SUS 40-1 6/1 gallon bottles
- SUS 40 5 gallon pail
- SUS 43 55 gallon drum
- SUS 43Tote 275 Gal Tote
- SUS 43Bulk Bulk
- SUS 43BD Bulk/Drum

ISO 100

- SUS 102 5 gallon pail
- SUS 210 55 gallon drum
- SUS 21011 Bulk