

# **HYDRO FLUID**

## **RUST&OXIDATION HYDRAULIC FLUID**

### **Product Description**

HYDRO FLUID is excellent anti-rust and oxidation hydraulic fluid under high pressure and normal temperature conditions. It is formulated from S-OIL's highly hydrotreated base stocks, advanced anti-rust and anti-oxidation additive system.

### **Applications**

- HYDRO FLUID is designed for use in all kind of hydraulic system operating under high pressure and normal temperature conditions, such as in machine tools, injection mold machine, presses and other industrial or equipment.
- It is also used in many other applications, where an universal anti-wear lubricant is the first choice: low charged gears, sliding and roller bearings.

### **Features and potential benefits**

- High anti-wear properties insuring longer equipment life.
- Good resistance to oxidation avoiding formation of sludge at normal operation temperature and ensuring a long service life of the fluid.
- Good anti-foamability for equipment trouble control.
- Good filterability even in the presence of water.
- Excellent protection against rust and corrosion.
- Good demulsibility ensuring rapid water separation.

### **Performance level**

- ISO 11158 HL

### **Typical Properties**

Test Items	Method	Unit	ISO VG 32	ISO VG 46	ISO VG 68
Specific gravity	ASTM D1298	-	0.8621	0.8680	0.8729
Color	ASTM D1500	-	L0.5	L0.5	L0.5
Viscosity	ASTM D445	40°C	31.85	45.88	66.34
		100°C	5.41	6.83	8.67
Viscosity index	ASTM D2270	-	104	103	102
Flash point	ASTM D92	°C	216	228	238
Pour point	ASTM D97	°C	-37.5	-40.0	-37.5

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