



POWER SAFEFLUID SG 46

Fire- resistant Hydraulic oil (HFC type)

Description

Power Safefluid SG 46 is an HFC type Water Glycol Fire resistant Hydraulic oil is designed to provide excellent protection against rust and superior anti wear properties.

The Product Power SafeFluid SG-46 is biodegradable and free from Nitrite. The product also shows good emulsion and Storage stability.

Applications

- Power Safefluid SG 46 is used in both Mobile and stationary Hydraulic systems in Steel Industry of hot rolling application.
- In Die casting machines and in Mining equipments
- It can be used in Vane, Gear or Piston type pumps operating at pressure less than 3000psi

Since Power Safefluid SG 46 is water based care should be taken to ensure that the hydraulic system is designed for using Water Glycol based products Also care should be taken to operate at below 60 Deg C and water content should be checked at regular interval of service to maintain the correct viscosity of the oil in use .

Power SafeFluid SG 46 is compatible with Nitrile, Butyl, and silicone and other synthetic seal materials

Performance Benefits:

- Good Wear Protection to moving parts
- Low Temperature Fluidity
- Excellent fire resistance
- Good Corrosion Protection
- Extended Pump durability
- Free of Nitrite and biodegradable - Environment and operator friendly



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Typical characteristics

Characteristics	Test Method	Units	Power Safefluid SG 46
Appearance/color	Visual	-	<i>Clear Red Fluid</i>
Density @ 29.5C, gm/cc	ASTM D 4052	g/ml	1.071
Pour point,C	ASTM D97	Deg C	Minus 42
Kin,Viscosity @ 40C, cSt	ASTM D 445	cSt	43.08
Kin.Viscosity @ 100 C, cSt	ASTM D 445	cSt	10.28
Viscosity Index	ASTM D 2270		237
Cu Corrosion at 100C,	ASTM D 130		1a
pH	-	--	9.7
Rust Test 24hrs Distilled water	ASTM D 665A		Pass
Foam Tendency Seq I Seq II Seq-III	ASTM D892	mls	20/nil 10/nil 20/nil