

PRODUCT INFORMATION

ECOSE™ FR FLUID 46

Fire Resistant Hydraulic Fluid

ECOSE™ FR Fluid 46 is a premium water-glycol fire resistant fluid designed to provide optimum performance in hydraulic systems where fire resistant fluids are required such as those found in die-cast plants, steel mills, mining and foundries. It has been formulated using leading-edge additive technology that provides excellent service over a wide range of operating temperatures providing outstanding lubricity and anti-wear protection

FEATURES AND BENEFITS:


ECOSE™ FR Fluid 46 delivers the ultimate performance, durability and protection needed to keep your critical equipment up and running. Advanced formulation provides:

- Morpholine free formulation
- Outstanding fire resistance performance
- Excellent shear stability and anti-wear protection
- Compatibility with other quality FR water-glycol fluids
- High viscosity index, low pour point, excellent heat transfer and antifoam performance

APPLICATIONS:

ECOSE™ FR Fluid 46 will perform in a variety of OEM vane, gear, and piston type hydraulic pumps with typical operating pressure of 2500 psi. It is designed to meet environmental, health and safety performance standards and does not contain secondary amines such as morpholine. It should not be used where hydraulic sump temperatures exceed 150°F.

Typical Properties

ISO	Test Method	46
Product Code		534348
Color	Visual	Red
Viscosity, cSt @ 40°C	ASTM D-445	41.0
Viscosity, SUS @ 100°F	ASTM D-2161	200
Viscosity Index	Calculated	185
Specific Gravity	ASTM D-1298	1.085
Density, lb/gal	Calculated	9.07
Pour Point	ASTM D-97	-47°C (-53°F)
Reserve Alkalinity, to pH 5.5	ASTM D-1121	20.5
pH	ASTM D-70	9.5
Vickers Vane Pump Test, Mg weight loss of ring and vanes	ASTM D-7043	10 – 15
Environmental Performance		

AVAILABILITY: **ECOSE™ FR Fluid 46** is available throughout Nu-Tier Brands’ marketing area. Your Nu-Tier representative can provide specific information. Need additional information? Call Nu-Tier Brands @ 1-877-771-5823 or visit www.nu-tierbrands.com.