DURALIFE® FR 200 SUS WATER-GLYCOL HYDRAULIC FLUID

Duralife® 200 SUS Water- Glycol Hydraulic Fluid is a less flammable hydraulic fluid, formulated with anti-wear additives & corrosion inhibitors to provide outstanding protection against rust, wear corrosion and damage to meet the demands of today's hydraulic systems.

APPLICATIONS:

Duralife® 2000SUS Water- Glycol Hydraulic Fluid is recommended for a wide variety of hydraulic systems and motors requiring fire resistance, operating close to a source of ignition at both low and high pressures. It also meets the demands of modern high pressure hydraulic systems.

It meets Factory Mutual (FM) Category Group 1 classification; ASTM D 2882 and ASTM D 7043, 2000 psi pump testsusing an Eaton-Vickers V104C vane pump; US Steel Requirement No. 171.

The water content is important and must be maintained at least 38% to retain optimum fire resistant properties and its viscosity characteristics. Therefore, it should be checked regularly in service and can be easily corrected by adding de-ionized water.

Applications include combustion regulators, furnace doors, die-casting machines and presses, ladel-tilting mechanisms, glass drawing machinery, forging machinery, robotic welding machines, hot strip mills, pipe milles, continuous casters, and mining equipment.

It is compatible with packings, gaskets, hoses, and accumulators made from materials as natural rubbers, acrylonitrile-butadiene rubbers (NBR), hydrogenated and fluorocarbon rubbers (FKM), except made from polyurethane, leather or cork materials .

It is not compatible with typical paints.

It is compatible with metals include ferrous, tin, nickel, copper, brass, and bronze, except magnesium alloys, zinc, cadium, and aluminum.

BENEFITS :

- Good fire-resistance.
- Excellent heat transfer properties.
- Prevent rust and against wear and corrosion damage in hydraulic systems.
- Good antifoam to prevent oil saturation and system failure.
- Excellent resistance to sludge and deposits, maintains working components in clean operational condition.
- Quick release of entrained air.
- Special anti-scuff and anti-wear agents extend the lives of gear, vane, axial and radial piston pumps.

TYPICAL CHARACTERISTICS

Test	Method	FR 200 SUS
Specific Gravity @15.6ºC (60ºF)	ASTM D1298	1.08
Viscosity @ 100ºF, SUS	ASTM D 2161	200
Viscosity @ 40ºC, cSt @ 100ºC, cSt	ASTM D445	41.0 8.24
Viscosity Index	ASTM D 2270	180
Flash Point, ºC (ºF)	ASTM D92	None
Pour Point, ºC (ºF)	ASTM D97	-50(-58)
Rusting Test, synthetic seawater	ISO 7210 /ASTM D 665B	Pass
Foam test Seq 1, mls	ASTM D892	0/0
pH @ 25ºC	ASTM D 1287	9.5
Water content, %wt	ASTM D 1744	38

The above characteristics are average values based on recent production. Minor variations which do not affect product performance are to be expected in normal manufacture.

WARNING:

Continuous contact with used oil has caused skin cancer in animal tests. Avoid prolonged contact. Thoroughly wash exposed areas with soap and water. Keep out of reach of children.

Don't pollute. Conserve resources. Return used oil and bottle to collection centers

Reference MSDS Number 12095 database on our website at ***www.amtecol.com***