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FUKKOL**Nourishment for**
Your Machines

TECHNICAL DATA SHEET

Fire Resistant Hydraulic Oil ISO 46



200L

18L

4L

Description:

Fire-resistant water glycol hydraulic transmission fluid. It contains antiwear additives and antirust agents, and is especially suitable for high pressure transmission systems, especially for water glycol hydraulic transmission fluid, which can meet the requirements of the system for fire protection, wear protection of hydraulic pumps and the requirements of viscosity.

Products Code	Packings	Capacity
LI00008-4L	Can	4L
LI00008-18L	Pail	18L
LI00008-200L	Drum	200L

Purpose:

It can be used in the following hydraulic transmission systems:

Gear pump (pressure is not greater than 14Mpa); axial piston pump (pressure is not greater than 20Mpa);

Working temperature below 65 °C * injection molding equipment * metal die casting machine * metal hot press

* welding machine * hydraulic gun * hydraulic stretching machine * kiln door * rolling hydraulic equipment (slag mill,

The lower coiler, dump ladle, continuous casting equipment etc. of hot strip mill * mobile equipment working near the fire area.

Performance characteristics:

* To ensure safety and reduce the risk of fire:

This product is a mixture of ethylene glycol and water (about 40% of water), and the liquid mist will not burn, so even if the hydraulic hose is broken, it will not cause a fire hazard.

* lengthening the life of the hydraulic pump: This product has a special anti wear additive, which can effectively prevent or reduce the wear of high pressure pump, thus prolonging the life of the hydraulic pump.

* To make the equipment run free: This product contains an effective antirust additive, which makes it have good rust proof capability both in the traditional liquid submergence section of the system, or in the condensate accumulated steam area. Therefore, the use of this product can avoid the corrosion of the rust debris which seriously affect the performance of the system and make your equipment run free from failure.

* Good temperature performance: the heat dissipation of the ethylene glycol / water mixture is strong, the temperature of the system can be controlled effectively and the heat spot (that is, the local superheat phenomenon). The freezing point of this product is low. So, even under the low temperature condition, the hydraulic transmission liquid freezing phenomenon will not appear.



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Typical Physical Properties:

ISO Grade	VISCOSITY 40°C mm ² /s	Volumetric water content%	DENSITY 20°C , g/cm ³	POUR POINT °C	PH VALUE
46	41.4–50.6	40	1–1.15	–45	8.5–9.8