

NO.9803-05025K-01

WATER-GLYCOL FIRE RESISTANT HYDRAULIC FLUID

HYDOL HAW-32

BEFORE A HYDRAULIC FIRE STARTS!

Introduction

The prevention of the hydraulic fire in Japan had been started with the development of HYDOL H-200, a water-glycol fire resistant hydraulic fluid, dating back some thirty five years. Since then, without any hydraulic fire, scores of thousands of hydraulic machines in the major Japanese industries have been being operated with HYDOL H series.

HYDOL HAW is the most popular and widely used as a fire resistant hydraulic fluid in Japan. It provides both the excellent lubricity of mineral hydraulic oil and the excellent stability of water-glycol.

HYDOL HAW-32 is the latest member of HYDOL HAW series especially prepared for the hydraulic systems of metal working machines.

General Properties of HYDOL HAW-32

		HYDOL HAW - 32
Appearance		Red Transparent Liquid
Density	g/cm ³ at15	1.056
Kinematic Viscosity	mm ² /S at40	32
Viscosity Index		160
Pour Point		-47.5
pH	at 20	10.2
Water Content	%	40

Comparison of Fire Resistant Properties

Test Item	Test Methods	Water-Glycol Type	Mineral Hydraulic Oli
Flash Point Test	JIS K-2274	No	200 ~ 300
High Pressure Spray Test	MIL F-7100	No Ignition	Explosive Ignition
Hot Manifold Test (Reference)	MIL F-7100	No Ignition (Non Fire Hazardous)	Ignition in a moment (Fire Hazardous)

Package : 18 liters / pail
200 liters / drum