

UNITED FIRE-RESISTANT HYDRAULIC FLUIDS

United Fire-Resistant Hydraulic Fluids are a phosphate ester fire-resistant hydraulic fluid and content carefully selected additives to give superior oxidation and hydrolytic stability characteristics. They are self extinguishing, non-aqueous hydraulic fluid that do not support their own combustion. This self extinguishing property exceeds the limits established for less hazardous hydraulic fluids and incorporates phosphate esters unique true self extinguishing property easily proven by simple flame and wick tests.

United Fire-Resistant Hydraulic Fluids contain no thickeners or viscosity index improvers, the products are shear-stable and the pump selection can be made on the basis of the listed viscosity data. United Fire-Resistant hydraulic fluids reduce the risk of catastrophic fires.

APPLICATIONS / BENEFITS

- ❑ Self extinguishing fire-resistant properties.
- ❑ Excellent lubrication properties and biodegradable fluids.
- ❑ Superior oxidation and thermal stability.
- ❑ Good hydrolytic stability.

TYPICAL CHARACTERISTICS

TEST DESCRIPTION	METHOD	TYPICAL RESULTS
ISO Viscosity Grade	ISO 3448	46
Specific Gravity @ 15 ⁰ C	ASTM D-4052	1.150
Flash Point, ⁰ C	ASTM D-92	246
Fire Point, ⁰ C	ASTM D-92	357
Auto ignition Temperature ⁰ C	ASTM D-2155	565
Pour Point, ⁰ C	ASTM D-97	-15
Kinematics Viscosity @ 40 ⁰ C (cSt)	ASTM D-445	44
	ASTM D-445	5.4
Viscosity Index	ASTM D-2270	25
TAN (mgKOH/g)	ASTM D-664	0.03
Colour	ASTM D-1500	<0.5

Only available in pail and drum packaging

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