

HYDRANSAFE WG



LUBRICATION



TOTAL

Fire-resistant, Water Glycol Based, Anti-Wear Hydraulic Oil.

APPLICATIONS

Hydraulic systems used near fire sources.

- **HYDRANSAFE WG** is a high performance, synthetic water-polymer, fire-resistant hydraulic fluid.
- **HYDRANSAFE WG** oil may be used in hydraulic circuits that regulate furnaces, continuous casting units or heat treat ovens in quenching operations. It is used in high fire-risk areas. Recommended operating temperature range is from -4°F to 140°F (-20°C to 60°C).

SPECIFICATIONS

International specifications.

- DENISON HF-4
- ISO 12922 HFC
- ISO 6743/4 CATEGORY HFC
- US STEEL 171

ADVANTAGES

Long equipment life and high operating reliability.

- Excellent anti-wear properties.
- Resistance to hydrolysis and oxidation.
- Excellent fire resistance due to high water content.
- Dyed red for easy identification.
- Good air release properties.
- Good filterability.
- Excellent anti-foaming, anti-corrosion, and anti-oxidation properties.

TYPICAL CHARACTERISTICS	METHODS	HYDRANSAFE WG
ISO Viscosity Grade		46
Color	Visual	Clear red fluid
Viscosity at 40°C, cSt	ASTM D 445	46.0
Viscosity Index	ASTM D 2270	206
Density @ 60°F, lbs./gal.	ASTM D 1298	9.03
Specific Gravity @ 60/60°F	ASTM D 1298	1.09
Pour Point, °F(°C)	ASTM D 97	<-54(<-47)
Flash Point, COC, °F(°C)	ASTM D 92	Fire resistant-N/A
Copper Strip Corrosion	ASTM D 130	1A
pH @ 20°C		9.6
Reserve Alkalinity	ASTM D 1121	210
Water Content, %wt.		40 min.

TOTAL Specialties USA, Inc.

Linden, NJ 07036
5 North Stiles Street
1-800-323-3198
www.totalspecialties.com

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This lubricant must be applied as recommended and used for the application for which it was designed. TOTAL Specialties USA, Inc. will have no responsibility for any injury to persons or property resulting from misuse or misapplication of the lubricant. A safety data sheet conforming to the OSHA Hazard Communication Standard 29 CFR Section 1910.1200 can be downloaded at www.totalspecialties.com. Copyright 2016 All rights reserved.