

# JMN SPECIALTIES, INC.

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## PRODUCT BULLETIN

### HYDRA-SPEC 5700

Corrosion Inhibitor / Pickling Fluid

Environmentally Safe Subsea Hydraulic Fluid

#### General Description

**HYDRA-SPEC 5700** is a low viscosity, water soluble hydraulic fluid that is non-toxic and non-flammable. **HYDRA-SPEC 5700** contains a combination of anti-wear agents and rust inhibitors designed to make it suitable for use in a variety of hydraulic systems. **HYDRA-SPEC 5700** is commonly used whenever oil based hydraulic fluids could cause environmental concerns in the event of a spill. **HYDRA-SPEC 5700** is very effective in offshore BOP lines and for subsea production control lines. **HYDRA-SPEC 5700** is formulated for a broad temperature range. This allows for flexibility in conditions that vary from very low to very high temperatures. The operational temperature range for **HYDRA-SPEC 5700** is -2° F to 225° F.

#### Safety

**HYDRA-SPEC 5700** is fire resistant by virtue of its water content. If **HYDRA-SPEC 5700** should be exposed to a source of ignition, steam would be generated. This steam tends to reduce ignition temperatures and displace oxygen in the hot area thereby inhibiting combustion and suppressing flames.

#### Physical Properties

Appearance	Pink Liquid
Specific Gravity	1.02 - 1.05
pH	9.50 - 10.0
Pour Point	-2° F
Dynamic Viscosity - $\mu$ - (centipoise)	
cS @ 0° C	13 - 15
cS @ 40° C	4.4 - 4.9

#### Availability

**HYDRA-SPEC 5700** is available in UN approved 5-gallon pails and 55-gallon drums.

#### Handling

Observe warning label(s) on containers. Normal precautions for industrial chemicals apply. This document does not purport to address all of the safety concerns, if any, associated with its use. It is the responsibility of the user of this product to establish appropriate safety and health practices and determine the applicability of regulatory limitations prior to use.