

JMN SPECIALTIES, INC.

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PRODUCT BULLETIN

HYDRA-SPEC PG40

Hydraulic Safety Fluid

General Description

HYDRA-SPEC PG40 is a low viscosity, water soluble hydraulic fluid that is non-toxic, non-flammable, and biodegradable. **HYDRA-SPEC PG40** 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 PG40** is commonly used whenever oil based hydraulic fluids could cause environmental concerns in the event of a spill. **HYDRA-SPEC PG40** is very effective in offshore BOP lines and for sub-sea production control lines. **HYDRA-SPEC PG40** 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 PG40** is -25°C to 135°C.

Safety

HYDRA-SPEC PG40 is fire resistant by virtue of its water content. If **HYDRA-SPEC PG40** 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 | 1.05 - 1.07 |
| Water Content | ~ 50% |
| pH | 9.50 - 10.0 |
| Pour Point | < -25° C |
| Viscosity | |
| cS @ -20° C | 23 - 25 |
| cS @ 40° C | 1.8 - 2.0 |

Availability

HYDRA-SPEC PG40 is available in UN approved 5 gallon pails and 55 gallon drums.

Handling

Observe warning label on containers. Normal precautions for industrial chemicals apply.