

Fluid Recommendations

KTI Hydraulics Inc. recommends using a premium hydraulic oil to ensure optimum performance and system life.

Select oil that has anti-wear properties, rust and oxidation inhibitors, foam inhibitors and good stability. Examples of premium grade hydraulic oils:

- Chevron Rando HDZ
- Bel-Ray Premium AW 32
- Mobil DTE 10 and DTE 20 series
- AMSOIL
- Shell Tellus.

Automotive Transmission Oils are acceptable under normal conditions.

Aviation oils such as Valvoline, ROYCO series, or Mobil Aero HF or HFA (MIL-H 5606 or MIL-PRF-83282) may be used in **prolonged & extreme cold** environments.

Ambient Temperature Range	ISO Viscosity Grade
-20°F to +32°F (-29°C to +0°C)	15
-14°F to +120°F (-10°C to +49°C)	22, 32, ATF
Extreme Prolonged Environments	MIL-H 5606

Do Not Use Biodegradable Hydraulic Fluid. Do Not Mix Oils.

Do not operate Power Unit above recommended Fluid Temperature Range.

Premium hydraulic oil with proper ISO Viscosity Grade and additives such as Chevron EP, Mobile DTE 10, DTE 20 series, or Shell Tellus would be acceptable.

In most applications use ATF Dextron III.