

HYDRAULICS

Operation Conditions

⚠ CAUTION

DO NOT use ATF Type F fluid. Type F ATF is not compatible with LCI hydraulic system seals. Seals will not work properly.

The following automatic transmission fluid (ATF) recommendations for use in Lippert Components, Inc. (LCI) hydraulic systems are based upon hydraulic system operation in various environmental air temperatures.

1. **Above Freezing** - Operation at air temperatures routinely above 0 °C (32 °F)—above freezing—which also covers most initial OEM fills.
 - A. Dexron® III/Mercon® ATF
 - B. Super ATF from Phillips 66
 - C. Mercon® V ATF
 - D. Dexron® VI ATF
 - E. PetroBlend (Mason City, IA) PHO 0022S (synthetic group 3 base blend)
 - F. Bellman all temp 22 (Bremen, IN)
 - G. Or any ATF or hydraulic fluid with a pour point lower than -42 °C (-44 °F).
2. **Below Freezing** - Operation at air temperatures routinely below 0 °C (32 °F)—below freezing.
 - A. Mobil 1™ full synthetic ATF
 - B. Royal Purple® full synthetic ATF
 - C. Valvoline™ full synthetic ATF
 - D. Amsoil® full synthetic ATF
 - E. PetroBlend (Mason City, IA) PHO 0022S (synthetic group 3 base blend)
 - F. Bellman all temp 22 (Bremen, IN)
 - G. Multivis (all temperature) ISO 22 hydraulic fluid
 - H. Mobil 1™ 0W-16 synthetic motor oil
 - I. Or any ATF or hydraulic fluid with a pour point lower than -45 °C (-49 °F).
 - J. Or any ATF or hydraulic fluid (conventional or synthetic) with a pour point lower than -46 °C (-51 °F).
3. **Extreme Cold** - Operation at air temperatures routinely below -18 °C (0 °F)—extreme cold.
 - A. Kendall® Hyken Glacial Blu
 - B. Benz oil (Milwaukee, WI) Flomite 530
 - C. Mobil 1™ 0W-16 synthetic motor oil
 - D. Or any conventional or synthetic ATF or hydraulic fluid with a pour point less than -57 °C (-71 °F) and viscosity less than 2850 cP (3282 cSt) @ -40 °C (-40 °F).

As a supplier of components to the RV industry, safety, education and customer satisfaction are our primary concerns. Should you have any questions, please do not hesitate to contact us at 432-LIPPERT (432-547-7378) or by email at customerservice@lci1.com. Self-help tips, technical documents, product videos and a training class schedule are available at lippert.com or by downloading the LippertNOW app.