HYDRAULIC OPERATION FLUID RECOMMENDATION

HYDRAULICS

Operation Conditions

1. Above Freezing

NOTE: Operation at air temperatures routinely above 0°C (32°F). *

- A. Dexron 3/Mercon ATF
- B. Mercon 5 ATF
- C. Dexron 6 ATF
- D. PetroBlend (Mason City, IA) PHO 0022S (synthetic group 3 base blend)
- **E.** Bellman all temp 22 (Bremen, IN)
- **F.** Or any ATF or hydraulic fluid with a pour point lower than -42°C (-45°F).

*Covers most initial OEM fills

2. Below Freezing

NOTE: Operation at air temperatures routinely below 0°C (32°F).

- A. Mobil 1 full synthetic ATF
- **B.** Royal Purple full synthetic ATF
- C. Valvoline full synthetic ATF
- **D.** Amzoil full synthetic 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 (-45°F)
- H. Multivis (all temperature) iso 22 hydraulic fluid
- I. Or any ATF or hydraulic fluid (conventional or synthetic) with a pour point lower than -46°C(-50°F).

3. Extreme Cold

NOTE: Operation at air temperatures routinely below -18°C (0°F).

- A. Kendall Glacial Blue
- **B.** Benz oil (Milwaukee, WI) Flomite 530

Or any conventional or synthetic ATF or hydraulic fluid with a pour point less than -57°C (-70°F) and viscosity less than 2850 cP @ -40°C (-40°F).



Do not use ATF-TYPE F fluid as it will not allow the seals to work properly.