

FS Uni-Drive Synthetic TO-4 Fluid

Description

This heavy-duty full synthetic drive train lubricant is designed primarily for use in transmissions, hydraulic systems, differentials, and final drives of Caterpillar equipment. It possesses the required wear, oxidation, deposit control, frictional characteristics, and seal compatibility as set forth in Caterpillar specification TO-4. It will provide excellent service in both new and older Caterpillar equipment. It also meets the Allison C-4 requirements for use in Allison powershift transmissions.

This oil is also recommended for use in some manual transmissions where the following combination of specifications are allowed: GL-1, API CD, CAT TO-2. However, it should not be used to top off gear oils in these applications.

Features and Benefits:

- Good friction retention: consistent shifting
- Superior oxidation stability: minimizes lacquer deposits
- Excellent rust/corrosion prevention: protects internal parts
- Superior wear protection: even highly loaded parts
- Good seal properties: controls swelling, hardening, and cracking

Meets or Exceeds:

- Caterpillar TO-4, TO-2 (obsolete)
- Allison C-4, C-3 (SAE 10W, 30)
- ZF TE-ML-03
- ZF TE-ML-01 (obsolete)
- Komatsu
- Komatsu Dresser
- Eaton
- Transmissions requiring API CD/TO-2 fluids

Product Availability:

FS Synthetic Uni-Drive TO-4 15W-40

| | |
|----------------|--------------|
| 55-gal. Drum | Item #244892 |
| 265-gal. Totes | Item #244893 |
| Bulk | Item #244891 |

FS Synthetic Uni-Drive TO-4 10W-30

| | |
|----------------|--------------|
| 55-gal. Drum | Item #268677 |
| 265-gal. Totes | Item #268678 |
| Bulk | Item #268767 |

FS Synthetic Uni-Drive TO-4 0W-20

| | |
|----------------|--------------|
| 5 Gal. Pail | Item #264553 |
| 55-gal. Drum | Item #243661 |
| 265-gal. Totes | Item #243662 |
| Bulk | Item #243660 |

Typical Properties:

| Test / Description | Specification | | |
|--------------------------------|---------------|---------------|--------------|
| SAE Grade | 15W-40 | 10W-30 | 0W-20 |
| Viscosity @ 100°C (cSt) | 14.6 | 11.0 | 7.6 |
| Viscosity @ 40°C (cSt) | 46 | 69.4 | 41.2 |
| Viscosity Index | 150 | 145 | 155 |
| Density (lb/gal) | 7.21 | 7.21 | 7.07 |