

SPX DTO4

TO-4 FLUID FOR CONSTRUCTION, MINING, AND OTHER OFF-HIGHWAY EQUIPMENT

SPX DTO4 is formulated for use in hydraulic, transmission, and final drive applications of various off-highway equipment. SPX DTO4 meets Caterpillar TO-4 requirements which supersede the API CD/TO-2 specifications. It provides heavy duty protection and specialized friction performance for smooth consistent operation.

Advantages

- Excellent deposit control and wear protection
- Excellent oxidation stability
- Balanced friction performance
- Compatible with various seal and clutch materials
- High shear stability

Applications

- Hydraulic systems (SAE 10W), transmissions (SAE 30), and final drives (SAE 50) of Caterpillar, Komatsu, and other off-highway equipment

Specifications

SPX DTO4 is recommended for use where the equipment manufacturer specifies:

- Allison C-4
- Caterpillar TO-4, TO-2
- Dana Powershift
- Komatsu Dresser

TYPICAL PROPERTIES

| SAE Grade | 10W | 30 | 50 |
|----------------------------|-----------|-----------|-----------|
| Specific Gravity @ 60°F | 0.875 | 0.857 | 0.861 |
| Density, lbs/gal @ 60°F | 7.29 | 7.34 | 7.43 |
| Color, ASTM D1500 | 2.5 | 3.0 | 4.0 |
| Flash Point (COC), °C (°F) | 213 (415) | 233 (451) | 242 (468) |
| Viscosity, Brookfield | | | |
| cP @ -35°C | 120,700 | - | - |
| Viscosity | | | |
| cSt @ 40°C | 35.0 | 101 | 220 |
| cSt @ 100°C | 6.1 | 11.5 | 20.0 |
| Viscosity Index | 102 | 101 | 95 |

Minor variations in typical properties data are to be expected in normal manufacturing.

Health & Safety Information

For recommendations on safe handling and use of this product, please refer to the Safety Data Sheet (SDS).

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Heavy Duty

