

# Neerlandia Coop



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## Torc Series IV



### Description

Sonic Torc Series IV powershift transmission fluid is designed to meet the Caterpillar TO-4 service specifications. It is also formulated to meet Allison C-4, Komatsu Micro Clutch, and API-CF performance.

Sonic Torc Series IV M/S has all the qualities of Sonic Torc Series IV, and offers unsurpassed shear stability (shear loss of 8.8 in 20 hour KRL test) and the added advantage of multi-season performance.

### Application

Sonic Torc Series IV transmission-drive train oils (TDTO) are designed for use in Caterpillar off-highway vehicles. The SAE grades 10W, and 30 offer the equivalent performance of Caterpillar's TDTO. The multi-season product is formulated to match the performance of Caterpillar's TDTO (TMS).

Sonic Torc Series IV is recommended for use in:

- Powershift and hydrostatic transmissions
- Wet brake mechanisms
- Differentials and final drives

### Performance Features

Sonic Torc Series IV offers the following features:

1. Improves the life of friction material
2. Superior transmission shift characteristics
3. Reduces friction loss

4. Resistance to foaming for hydraulic applications
5. Improved friction and seal compatibility
6. Excellent load carrying capacity and anti-wear protection
7. Excellent oxidation stability

#### Availability

Sonic Torc Series IV is available in 205 litre drums and 20 litre pails.

#### Typical Properties

SAE Grade	10W	30	M/S
<b>Viscosity @ 40°C</b>	<b>33.8</b>	<b>94.5</b>	<b>58.0</b>
<b>Viscosity @ 100°C</b>	<b>5.8</b>	<b>11.0</b>	<b>10.6</b>
<b>Viscosity Index</b>	<b>112.0</b>	<b>101.0</b>	<b>176</b>
<b>Brookfield Viscosity @ °C</b>	<b>58,200/-35</b>	<b>93,000/-25</b>	<b>5,440/-30</b>