



TRANSMISSION FLUID

# SynGuard Full Synthetic SAE 50

FULL SYNTHETIC

HEAVY-DUTY



REFERENCE PHOTOGRAPH

## DESCRIPTION

SynGuard SAE 50 Trans Fluid is a full synthetic lubricant specifically designed for high-torque heavy-duty powershift transmissions. Formulated for extended drain intervals, SynGuard SAE 50 Trans Fluid contain top-quality synthetic base stocks and a high level of top-quality additives selected specifically for powershift transmissions.

## FEATURES & BENEFITS

- |                                                  |                                                      |
|--------------------------------------------------|------------------------------------------------------|
| <p><b>01</b> Excellent friction performance.</p> | <p><b>02</b> Smooth brake operation.</p>             |
| <p><b>03</b> Reduced wear.</p>                   | <p><b>04</b> Increased fluid and equipment life.</p> |

APPLICATIONS

SynGuard SAE 50 Trans Fluid is formulated for Fuller CD-50 performance and is ideal for use in Rockwell/Eaton/Fuller, Spicer, Fabco, Warner and other large truck manual transmissions. It can be used in Caterpillar, Allison, Komatsu, Clark, Hurth, Borg-Warner, Twin Disc, Voith, ZF, Funk and Brockhouse powershift-type transmissions and Eaton/Rockwell/Fuller transmissions. Suitable For Use In: • API Service Category MT-1 • Eaton PS-386, PS-164 Rev 7, Roadranger® extended drain \* • International TMS 6816 \* • Mack Truck TO-A Plus \* • Meritor O-81 (Publication TP-90014) \* • ZF Freedomline \* • Spicer Transmission Extended Drain • Dana synchronized and non-synchronized transmissions • Volvo iShift transmissions • Mack mDrive transmissions \* Not officially approved or endorsed by transmissions OEMs.

\* ALWAYS CONSULT YOUR OWNER’S MANUAL FOR THE PROPER FLUID FOR YOUR EQUIPMENT.

TYPICAL TEST DATA

| SAE GRADE                         | 50        |
|-----------------------------------|-----------|
| Specific Gravity @ 60 °F          | 0.8381    |
| Viscosity, Kinematic cSt at 40°C  | 122.7     |
| Viscosity, Kinematic cSt at 100°C | 18.0      |
| Viscosity Index                   | 178       |
| Flash Point, °F                   | 396       |
| Pour Point, °C (°F)               | -51 (-60) |
| Viscosity, Brookfield cP at -40°C | 111,000   |
| Color                             | 1.5       |

Typical test data are average values only. Minor variations which do not affect product performance are to be expected during normal manufacturing.

CODES & AVAILABLE PRESENTATIONS

PG506-5GL

PureGuard SynGuard Full Synthetic SAE 50

5 GAL

PERFORMANCE AT A GLANCE

VISCOSITY INDEX

178

FLASH POINT, °F

396

SPECIFIC GRAVITY @ 60 °F

0.8381



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