



Synthetic Transmission CD 50

Bel-Ray® Synthetic Transmission CD 50 is a full synthetic, SAE 50 transmission lubricant for use in heavy duty manual transmissions. It is designed for extended drain and severe service in heavy-duty manual transmissions.

Bel-Ray Synthetic Transmission CD 50 contains additives to inhibit oxidation caused by high temperatures, and inhibitors to help prevent rusting and corrosion. The addition of an anti-wear agent reduces component wear, promoting longer transmission and lubricant service life. This additive system also fortifies this product to enable it to protect bearings and synchronizers.

Bel-Ray Synthetic Transmission CD 50 is formulated from synthetic base stocks having low pour points. The low pour points permit it to flow readily even at sub-zero temperatures and provides easy low temperature shifting. These excellent low temperature properties allow the potential for fuel savings by reducing the drag normally encountered when using a petroleum-based lubricant. Less gear wear is another benefit from the use of Bel-Ray Synthetic Transmission CD 50, because vital transmission parts are lubricated quickly and properly when the lubricant is cold. The synthetic base stocks used are highly stable when exposed to severe heat, oxidation and shear conditions. These characteristics result in exceptional lubrication at high temperature and permit extended drain intervals.

APPLICATIONS

- API GL-4, MT-1
- MAN 341 SL
- Eaton PS -386, PS -164 Rev 7
- ARVINMERITOR 0-81 Extended Drain
- ROCKWELL INTERNATIONAL 0-80
- MACK TO-A PLUS Extended Drain
- INTERNATIONAL TMS-6816 Extended Drain
- MERITOR ZF FREEDOM LINE ZF TE-ML-04D
- ZF AS-TRONIC

| Synthetic Transmission CD 50 | | |
|------------------------------|-------------|-----------------|
| Typical Physical Properties | | |
| Property | Test Method | |
| API Gravity @ 60°F | ASTM D4052 | 34.8 |
| Viscosity @ 40°C, cSt | ASTM D445 | 137 |
| Viscosity @ 100°C, cSt | ASTM D445 | 18 |
| Viscosity Index | ASTM D2270 | 147 |
| Brookfield Viscosity, cP | ASTM D2983 | 125,000 @ -40°C |
| Flash Point, °C (°F) | ASTM D93 | |
| Pour Point, °C (°F) | ASTM D97 | -54 (-65) |
| Foaming Test Seq. 1, 2, 3 | ASTM D892 | 0/0/0 |
| SPGR @ 60/60°F | ASTM D4052 | 0.851 |
| Pounds per Gallon | ASTM D1250 | 7.087 |

Minor variations in typical physical properties may occur from normal manufacturing processes

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