

# SYNTHETIC CD-50

## Manual Transmission Oil

Rev. 2/2024

### Description

**Synthetic CD-50 Manual Transmission Oil** is a SAE 50, non-EP, long drain synthetic lubricant for manual transmissions used in over-the-road trucks, heavy equipment, and other applications. Examples include Eaton Road ranger, Fuller, MACK, Arvin/Meritor (Rockwell) and Navistar (International).

**Synthetic CD-50 Manual Transmission Oil** is a non-OEM product designed for use up to 500,000 miles or 5 years, depending on transmission type, in over-the-road truck manual transmissions where the equipment manufacturer supports this drain interval. It contains field proven technology that, when tested in a lower quality formulation, demonstrated outstanding wear protection and oxidation resistance throughout a 500,000 mile service life.



### Features/Benefits

- Shear Stable and Maintains Viscosity
- Non-corrosive to Yellow Metals
- Promotes Long Seal Life
- Resists Heat Degradation for Long Oil Life
- Anti-foam
- Rust and Oxidation Inhibited
- Anti-wear fortified

Synthetic CD-50 Manual Transmission Oil is formulated to meet or exceed the following specifications:

- API GL1 and MT-1
- AF Meritor 0-81
- International TMS-6816 (Navistar)
- Mack TO-A Plus
- Eaton Roadranger PS-164

### Notes:

- For optimum performance, thoroughly drain transmissions containing motor oils.
- Not recommended for use in engine crankcase applications.
- Do not mix with EP gear oils. Thoroughly drain prior to use.

### Physical & Chemical Properties

Product Number	213
SAE Viscosity Grade	50
ISO Viscosity Grade	150
Color	Red
Viscosity @ 100°C cSt	19.2
Viscosity @ 40°C, cSt	165.6
Viscosity Index	133
Flash Point °C (°F)	250 (482)
Fire Point °C (°F)	280 (536)
Pour Point °C (°F)	-38 (-36)
Four Ball Wear Test 40 kg, 75°C, 1200 rpm, 1 hr	0.378
Copper Corrosion 121°C (250°F)	1b (Pass)
Foam Tendency	0/0/0