SYNOLEC® SAE 50 (650) is a full synthetic, premium lubricant designed to meet extended drain and OEM warranty requirements. SYNOLEC® is designed to be used in manual transmission in light to severe duty on-and-off highway equipment operating in a diverse range of operating environments. SYNOLEC® (650) meets the specifications required by Eaton Roadranger E500 PS 164 Rev 7 for extended drains and warranties.

FEATURES ADVANTAGES AND BENEFITS

- Safely extends drain service intervals due to outstanding oxidation and thermal stability
- Improves fuel economy and reduces operating costs
- Extends transmission life by reducing wear and improving shifting performance
- Excellent load carrying, anti-wear and EP properties provide improved frictional performance and extended synchronizer life.

RECOMMENDED APPLICATIONS

- Heavy-duty manual transmissions where extended service intervals and warranties are required
- On-highway commercial light and heavy duty trucking, buses and vans
- Off-highway equipment including: construction, mining, and agriculture

Enhance total lubricant reliability further by using in conjunction with SYNOLEC® 75W90 (9921) and the LEAP Oil Analysis program.
SYNOLEC® SAE 50 Technical Data

PHYSICAL CHARACTERISTICS – TYPICAL:

SAE Grade 50
API Gravity 23
Viscosity
  cSt @ 40°C 132.0
  cSt @ 100°C 17.5
  SUS @ 100°F (Calc) 676.9
  SUS @ 210°F (Calc) 89.4
Viscosity Index 146
Flash Point, ASTM D92, °F (°C) 430°F (221°C)
Pour Point, ASTM D97, °F (°C) -49°F (-45°C)
Color Amber

MEETS OR EXCEEDS THE FOLLOWING INDUSTRY SPECIFICATIONS:

API GL-4/MT-1

APPROVALS:

Eaton Roadranger E500 PS 164 Rev7
Mack TO-A Plus
International TMS-6816
Volvo 97315
ZF Freedom Line