



Synthetic Manual Transmission SAE 50

(July 2021 edition)

AMALIE Synthetic Manual Transmission SAE 50 oil is recommended for use in trucks and busses that have manual transmissions such as Eaton-Fuller/Road Ranger that require 500,000 mile long-drain SAE 50 oils. This Full-Synthetic SAE 50 is recommended for use in Eaton Division 121-R3 and Rockwell International O-81 transmissions. This oil may be used wherever extended drain intervals of 500,000 miles are required or wherever SAE 50 oils are recommended.

Typical Physical and Chemical Properties

Viscosity Grade.....	SAE 50
API Gravity.....	34.0
Kinematic Viscosity @100°C, cSt.....	19.0
Kinematic Viscosity @40°C, cSt.....	132.0
Viscosity Index.....	175
Brookfield Viscosity, cP @ (°C)	<120,000
Flash Point, °C (°F).....	220 (428)
Pour Point, °C (°F).....	-42 (-43.6)

Typical values are listed. Variations not affecting the performance of this fluid may occur during production however; these variations will not fall outside of set specification parameters.

Performance Application Chart

AMALIE Synthetic Manual Transmission SAE 50 oil is recommended for the following applications.

SPECIFICATIONS	Synthetic Manual Transmission SAE 50
MT-1	√
Rockwell International O-81	√
Eaton (Fuller Division)	√
Eaton (Extended Warranty)	√
Eaton (Extended Drain)	√
Eaton PS-164rev7	√