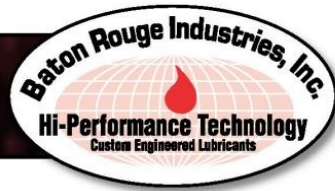


## PRODUCT INFORMATION



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## L-631-S Synthetic Non E.P. Transmission Oil SAE 40W & 50W

06/23/2021

**L-631-S Synthetic Non E.P. Transmission oil** is a state-of-the-art heavy duty synthetic gear and bearing lubricants designed for use in manual transmissions, transfer cases and differentials found in passenger cars, trucks, farm tractors, construction equipment and over the road trucks. L-631-S is formulated with a synergistic combination of synthetic base stocks and additives. This unique combination of materials provides a fluid with outstanding protection for gears and bearings operating over a wide range of operating temperatures.

### Features and Benefits

- Excellent oxidation resistance providing for extended drain intervals.
- Outstanding wear and extreme pressure protection and durability.
- High viscosity index and low pour point synthetic base stocks provide reduced friction resulting in fuel economy potential.
- Protects against rust and corrosion.
- Excellent water separation.
- Shear resistant.
- Hydrolytically stable.
- Strong foam control.

**L-631-S** SAE 40W and 50W are recommended for heavy duty service in manual transmissions where the manufacture calls for either an engine oil or a GL-1 to GL-4 lubricant. These products contain anti-wear, rust and oxidation inhibitors, and foam suppressant to protect bearings and synchronizers and promote longer transmission life.

The SAE 50 product are recommended in applications calling for the following specifications:

API GL-4, MT-1 ArvinMeritor Extended Drain O-81  
MAN 341 SL Rockwell International O-80  
Mack TOA Meritor ZF Freedom Line  
Volvo STD 87305 International TMS 6816  
Eaton Roadranger Extended Drain (E500) PS 164/O-81

The SAE 40 product are recommended in applications calling for the following specifications:

**Eaton PS-386**

**\*L-631-S SAE 50 and 40 are NOT recommended for applications calling for a GL-5 gear oil.**

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

# Specifications

<b>SAE Grade</b>	<b>40W</b>	<b>50W</b>
<b>Specific Gravity</b>	0.864	0.87
<b>Pounds per Gallon</b>	7.2	7.24
<b>Viscosity, cSt@ 100</b>	14.3	16.8
<b>Viscosity, cSt @ 40°C</b>	97.4	134
<b>Viscosity Index</b>	151	136
<b>Pour Point, °F (°C)</b>	-65 (-54)	-45 (-49)
<b>Flash Point, °F (°C)</b>	210 (410)	430 (221)
<b>Foam Test</b>	PASS	PASS
<b>Cooper Corrosion</b>	1B	1D
<b>Color</b>	DARK AMBER	DARK AMBER