

# SPICER®



# Spicer® SAE 50 Synthetic Manual Transmission Lubricant

## All-Climate Performance. All Year Round.

Spicer® SAE 50 synthetic manual transmission lubricant is specially formulated for extended drain and severe service in heavy-duty manual transmissions that require a non-EP gear or transmission lubricant. Protect higher torque manual transmissions coupled with increased horsepower engines. See the difference Spicer SAE 50 can make for your fleet today.



# Spicer® SAE 50 Synthetic Manual Transmission Lubricant

## Longer Life for Your Transmission. More from Your Lubricant.

Spicer® SAE 50 synthetic manual transmission lube provides superior all-weather, year-round performance. Formulated from a synthetic basestock, Spicer SAE 50 also contains an anti-wear additive, as well as rust, oxidation, and corrosion inhibitors. Available in 1-gallon jugs (SAE50-G), 5-gallon pails (SAE50-P), or 55-gallon drums (SAE50-D).

Protect bearings, reduce component wear, and promote longer transmission and lubricant life with Spicer SAE 50, featuring:

### High viscosity index, low pour point, and subzero fluid flow

- Easier cold-weather shifting
- Less drag
- Less gear wear as vital transmission parts are lubricated quickly

### High stability when exposed to severe heat, oxidation, and shear conditions

- Exceptional high-temperature lubrication
- Extended drain intervals

### Superior all-season lubricating properties

- Less friction and drag in the transmission
- Potential for greater fuel economy

### Spicer® SAE 50 synthetic manual transmission lube meets or exceeds all performance requirements for:

- API MT-1
- EATON PS-164 Rev 7
- Mack TO-A Plus, Mack mDrive
- Volvo 97305, Volvo I-Shift
- ZF Freedomline (ZF-AS Tronic)
- International TMS 6816

### Characteristics:

SAE grade	50	SAE J-300
Viscosity, cSt		ASTM D-445
100°C	17.5	
40°C	132	
Viscosity, SUS		ASTM D-2161
210°F	89.9	
100°F	678	
Brookfield Viscosity, cP		ASTM D-2983
-40°C	104000	
Viscosity index	146	ASTM D-2270
Pour Point, °C (°F)	< -45 (< -49)	ASTM D-97
Flash Point, °C (°F)	221 (430)	ASTM D-92
Foam test		ASTM D-892
Sequence I	pass	
Sequence II	pass	
Sequence III	pass	
Density, g/l, 15.6°C (lbs./gals., 60°F)	860 (7.17)	
Copper strip corrosion		ASTM D-130
3 hrs., at 100°C (212°F)	1 a pass	
3 hrs., at 121°C (250°F)	1 a pass	

**NOTE:** Properties are typical of those obtained with normal production tolerance and do not constitute a specification. Variations that do not affect product performance are to be expected during normal manufacture and at different blending locations. The information contained herein is subject to change without notice. All products may not be available locally.

To learn more about Spicer® SAE 50 synthetic manual transmission lubricant and other genuine Spicer products, visit [www.SpicerParts.com/lubricants](http://www.SpicerParts.com/lubricants) today!



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