



**TIER ONE**  
LUBRICANTS  
PRODUCT DATA SHEET

**Tier One Lubricants™ PowerSyn SAE 50**

**Product Description**

Tier One Lubricants™ PowerSyn SAE 50 is a fully synthetic manual transmission lubricant for year-round use in off-and-on highway equipment. Tier One Lubricants™ PowerSyn SAE 50 is suitable for transmissions and gear cases where API GL-1 through GL-3 gear protection is required. It also has a very low pour point and an inherently high viscosity index for excellent cold temperature flow as well as enhanced high temperature lubricating properties. Tier One Lubricants™ PowerSyn SAE 50 is designed to meet the requirements of Eaton and Rockwell transmissions.

**Typical Properties\***

Tier One Lubricants™ PowerSyn SAE 50	
Specific Gravity	0.8660
Pour Point, °F (°C)	-40 (-40)
Flash Point, °F (°C)	465 (240)
Viscosity	
@40°C, cSt	155
@100°C, cSt	19.8
@100°F, SUS	802
@210°F, SUS	100
Viscosity Index	147
Foaming Tendency	
Seq I	0/0
Seq II	0/0
Seq III	0/0

\*The values shown here are representative of current production. Some are controlled by manufacturing specifications while others are not. All of them may vary within modest ranges.