



PRODUCT DATA SHEET



SYNTHETIC TRANSMISSION OIL TO-4

Synthetic Transmission Oil TO-4, commonly known as Bel-Ray Full Synthetic TL-4 Lubricant, is a high performance transmission oil based on proprietary synthetic hydrocarbon and ester technology. It is formulated to optimize the performance of differentials and final drives of off-highway equipment that does not contain friction materials such as wet brakes and clutches. **Synthetic Transmission Oil TO-4** is highly filterable, and its Extreme Pressure properties provide superior protection for transmissions and gears, extending equipment life. The oxidative stability and exceptional wear control capabilities of **Synthetic Transmission Oil TO-4**, in conjunction with an integrated filtration system, result in significant drain interval extensions, reducing lubricant consumption, inventory costs and disposal costs.

Applications

- ◆ Final drives, differentials and other compartments in which wet clutches, wet brakes or other wet frictional applications are *not* used

Features and Benefits

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| ◆ Low resistance coefficient | Potentially reduces energy costs and operating temperature. |
| ◆ Extreme Pressure and anti-wear properties | Maximizes component life helping to reduce replacement part costs and lost production time. |
| ◆ Corrosion resistance | Protects against oxidation and rusting of parts. Minimizes varnish and sludge formation, even during humid idle conditions. Maximizes machine longevity. |

General Description

Synthetic Transmission Oil TO-4 is based on proprietary synthetic fluid technology. It is chemically fortified to protect components from wear, even in high load, severe service conditions. **Synthetic Transmission Oil TO-4** controls corrosion, varnish and sludge over the extended service life of the lubricant.

Product No. 65994

SYNTHETIC TRANSMISSION OIL TO-4

TYPICAL PROPERTIES

<u>Product No.</u>	<u>65994</u>
SAE Engine Oil Grade	60
Viscosity, ASTM D445	
@ 40°C, cSt	217.24
@ 100°C, cSt	24.69
Viscosity, ASTM D2161	
@ 100°F, SUS	1125.25
@ 210°F, SUS	121.97
Viscosity Index, ASTM D2270	143
Pour Point, ASTM D97	
°C	-44
(°F)	(-47)
Falex EP Test, ASTM D3233 Method B	
Non-seizure Load, lbf	3000
Flash Point, ASTM D92	
°C	254
(°F)	(489)
Color	Amber