

Transfluid Syn 50

Transfluid Syn 50 is a premium synthetic manual transmission fluid designed for extended drain intervals and demanding operating conditions in heavy-duty on-road applications. Engineered for transmissions that require a non-EP lubricant, it delivers excellent thermal stability, strong load-carrying durability and reliable low-temperature fluidity—supporting smoother gear changes, easier cold starts and improved overall operating efficiency. Its synthetic base oils help maintain lower running temperatures, making it well-suited to equipment operating under severe duty and extended warranty conditions.

With a high viscosity index and low pour point, **Transfluid Syn 50** forms a tough protective film that reduces wear on gear teeth and bearings, helping extend transmission life while reducing maintenance and operating costs. It is suitable for Road Ranger gearboxes and a broad range of automotive and industrial applications where extreme-pressure additives are not required, offering dependable performance across varied service environments.

Advantages & Benefits:

- Provides smooth, reliable gear shifting in a wide range of temperatures.
- Synthetic formulation supports cooler operation and extended drain intervals.
- Strong protective film reduces wear on gears and bearings.
- Enhances transmission durability under heavy-duty and severe-service conditions.
- Suitable for applications where non-EP transmission fluids are required.

Meets the following specifications:

- API GEARS GL-1
- API MT-1
- ALLISON C4
- CATERPILLAR TO-4
- EATON FULLER ROAD RANGER
- KOMATSU MIRCO-CLUTCH
- MACK TRUCK TO-A PLUS
- ZF FREEDOMLINE
- ZF TE-ML 01/03



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Typical Characteristics:

Properties	Method	Unit	Value
SAE Grade			50
Viscosity @ 40°C	ASTM D445	cSt	146
Viscosity @ 100°C	ASTM D445	cSt	18.8
Viscosity Index	ASTM S2770		145
Density @ 15°C	ASTM D4502	g/ml	0.89
Flash Point	ASTM D92	°C	260
Pour Point	ASTM D97	°C	-

Package Sizes:

- 1000L
- 200L
- 20L



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