



Transmission Fluid

Technical Data Sheet



LOCOMOTIVE TO-4 SAE 50

PRODUCT DESCRIPTION:

LOCOMOTIVE TO-4 SAE 50 is a premium-quality transmission fluid formulated to deliver outstanding performance in off-highway and heavy-duty equipment. It contains carefully balanced additives that help prevent oxidation, wear, and deposit formation, ensuring long service life and consistent performance. The oil is suitable for use in systems requiring TO-4 type fluids.

APPLICATION:

LOCOMOTIVE TO-4 SAE 50 is suitable for power shift transmissions, final drives, hydrostatic transmissions, torque converters and hydraulics in heavy duty vehicles. The fluid can be used in off-highway, construction and agricultural equipment

FEATURES & BENEFITS:

- Superior gear protection under shock load conditions.
- Exceptional wear protection under heavy duty operating conditions.
- Superior protection against wear and extends component life.
- Superior protection against rust and corrosion.

PERFORMANCE LEVELS: Meets and Exceeds:

- API GL-4
- Allison C4 (off-road)
- Caterpillar TO-4
- Komatsu KES 07.868.1
- Eaton-Fuller
- Sperry Vickers / Eaton I-280-S
- Vickers M-2950-S

TYPICAL PROPERTIES:

PARAMETERS	ASTM	UNIT	RESULT
Grade			SAE 50
Kinematic Viscosity@ 104°F /40°C	ASTM D7042	cSt	201.42
Kinematic Viscosity@ 212°F /100°C	ASTM D7042	cSt	17.84
Viscosity Index	ASTM D2270	-	96
SP. Gravity @15°C/60°F	ASTM D4052	g/cm ³	0.886
Flash Point	ASTM D92	°C	236
Pour Point	ASTM D97	°C	-24

HEALTH & SAFETY, ENVIRONMENT:

Prolonged and repeated contact with oil may cause skin disorders. Avoid contact. Wash immediately with soap and water. Do not discharge used oil into drains or the environment. Dispose to an authorized used oil collection point. For further Information on safety guidelines please refer to MSDS available on our website www.locomotive.co.il