



Transmission Fluid

Technical Data Sheet



LOCOMOTIVE TO-4 SAE 30

PRODUCT DESCRIPTION:

LOCOMOTIVE TO-4 SAE 30 is an outstanding transmission fluid, especially formulated for Caterpillar. This product offers excellent protection at low temperature conditions and facilitates easy starting. It contains additives to prevent oxidation and deposit formation. The oil is suitable for use in equipment where TO-4 fluids are prescribed.

APPLICATION:

LOCOMOTIVE TO-4 SAE 30 is especially formulated for Caterpillar, but also suitable in 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 30
Kinematic Viscosity@ 104°F /40°C	ASTM D7042	cSt	99.4
Kinematic Viscosity@ 212°F /100°C	ASTM D7042	cSt	11.4
Viscosity Index	ASTM D2270	-	102
SP. Gravity @15°C/60°F	ASTM D4052	g/cm ³	0.882
Flash Point	ASTM D92	°C	242
Pour Point	ASTM D97	°C	-21

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