



PRODUCT DATA SHEET

TRANS QP50

TRANS QP50 is a high-quality power-shift transmission oil designed to provide the balanced fluid properties required for the Caterpillar TO-4 specification.

TRANS QP50 can be used in power-shift transmissions, final drives hydrostatic transmissions, torque converters and hydraulic systems in off-highway equipment. Suitable for any systems requiring Allison C-4 or Caterpillar TO-4 specified oils.

TRANS QP50 has excellent compatibility with new elastomer seal materials and frictional properties to maintain performance and prevent slippage.

TRANS QP50 offers equipment owners and fleet managers the benefits of longer equipment life and lower maintenance costs and therefore delivering less equipment downtime and more on-site productivity.

Product Benefits:

- Outstanding gear protection resulting in less wear
- Excellent bearing protection reduces macro-pitting and metal fatigue
- Exceptional oxidative and thermal stability extends fluid life
- Unique seal compatibility ensures no seal leaks
- Additional clutch plate friction modifier ensures efficiency and longer clutch plate life
- Guaranteed quality assurance to consumers vehicles

TRANS QP50 is primarily for heavy duty applications and also has applications in transmissions where an SAE 50/CF,CF-2 oil is required.(e.g. Roadranger).

TYPICAL PROPERTIES

Density @ 15°C	0.90
Viscosity @ 40°C (cSt)	210
Viscosity @ 100°C (cSt)	18.0
Viscosity Index	94.0
Closed Flash Point (°C)	240
Brookfield viscosity @ -15°C (cPs)	82 780
Phosphorus (%mass)	0.076
Zinc (%mass)	0.084
Calcium (%mass)	0.096
Appearance	Clear & bright

PERFORMANCE SPECIFICATIONS

SAE: Viscosity 50

API: CF-2, CF

Caterpillar: TO-4

Eaton Vickers: EH-1027C

Komatsu: KES 07.868.1(Transmissions and final drives)

Tremec/TTC

ZF: TE-ML01 (obsolete)

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