

Product Information

PM106 Power-TransLife TDTO 30-50, Transmission and Drive Train lubricants are heavy-duty SAE 30 and SAE 50 extra high-performance transmission and drive-train lubricant viscosities, formulated to meet and exceed the rigorous requirements of the Caterpillar TO-4 specification. PM106 Power-TransLife TDTO 30-50 provides clear performance benefits over mixed-fleet engine oil and lubricants that meet the previous Caterpillar TO-2 requirements. It is a long-life fluid that reduces brake noise and increases usable power. The formulation delivers pleasing results in hydraulic applications, where an SAE 30 universal fluid is preferred to streamline inventory. PM106 Power-TransLife TDTO 30 and 50 utilises technology that delivers in demanding environments where productivity is paramount in a wide range of automotive, mining, construction, quarrying and agricultural industries. PM106 SAE 30 is suitable as an Allison C4 specification transmission lubricant.

Advantages: **Meets and exceeds Caterpillar TO-4 and Allison C-4 specifications. **Compatible with componentry found in mixed fleets. **Protection against wear, rust, with good seal compatibility. ** High resistance to oxidation, corrosion and sludge formation. **Engineered to ensure heat and shear resistance stability. **More usable power compared to other power-shift fluids.

Applications: Heavy-duty transmissions, gearboxes, final drives and hydraulic systems used in off-highway applications, such as found in mining, quarrying, agriculture and construction. Caterpillar powershift transmissions, torque converters, hydrostatic transmissions requiring the TO-4 specification, and all transmission and drive trains requiring Allison C-4 specification lubricant. PM106 C4-50 Power-TransLife also performs well in older Road Ranger and Eaton Twin Splitter manual transmissions, or when SAE 50 or SAE 90 engine oil is specified.

PM Lubrication is interested in extending the life and ROI of your machinery and, therefore, encourages the use of depth microfiltration in applications such as this. Depth media filtration will extend the service life of the

PM Lubrication Friction Reduction Technology is Engineered into this Gear Oil

Typical Properties

SAE Viscosity	C4 30	C4 50
Kinematic Viscosity		
Viscosity @ 40°C	83 cSt	240 cSt
Viscosity @ 100°C	10.5 cSt	19.5 cSt
Pour Point 0C	-54°C	-54°C
Density @ 15°C kg/L	0.894	0.900

Benefits

- OEMs Endorsed Additive Technology
- Long Lubricant Life
- Mixed Fleet Application
- Reduces Operating Temperature
- Clean Componentry

Available in 1000L, 200L, 20L, 5L, 4 x 5L
Containers

Issued January 2026

Meets and or Exceeds Service Classification

API: GL-3, CF, CF-2, CD	Eaton Fuller
Allison C4(10W & 30)	Komatsu KES
Caterpillar TO-4, TO-4M	07.868.1
Dana Powershift Spicer	Tremec/TT (Formerly
Clark-Hurth Trans	Spicer)
Eaton Vickers 35VQ-25	ZF TE-ML 01 (30 & 50)
	ZF TE-ML 07F (30 Only)

PM106 Power-TransLife TDTO 30-50 Powerful Transmission Fluid

Why PM Lubrication?

- ❖ Premium Quality
- ❖ XPR Protection Reserve
- ❖ Cost Effective Lubrication
- ❖ On-Site Monitoring will maximise equipment life
- ❖ Knife Edge Filtration
- ❖ Our Predictive & Preventative Maintenance Programme is GUARANTEED to save 15% of your total operating costs

