

SAE 50WT SYNTHETIC TRANSMISSION FLUID

SWEPACO 711 is a fully synthetic, manual transmission lubricant engineered to exceed the extended drain and OEM warranty requirements. SWEPACO 711 can be used year around in manual transmissions on light to severe duty, on-road and off-road equipment. SWEPACO 711 is designed to function in a wide range of environments and will provide maximum protection to heavy duty transmissions. SWEPACO 711 will outperform conventional gear oils with a wider operating temperature range, oxidation stability, wear protection and corrosion control capabilities. SWEPACO 711 provides a stronger film strength at high temperatures due to its high viscosity index and excellent lubrication at below freezing without channeling.

The outstanding performance of SWEPACO 711 makes it suitable for use in heavy duty long drain transmissions manufactured by Eaton and the Mack TO-A series. SWEPACO 711 meets or exceeds the requirements of the gear oil and can be used in transmissions and gear cases.



Feature	Benefit
Excellent load carrying, anti-wear, and EP Performance	• Extends Transmission life and reduces the cost of operation
Exceptional protection against deposit formation	• Longer seal life and extended drain and service intervals
Outstanding protection of Copper and its alloys against corrosion	• Protects and extends the life of synchronizers
Optimized thermal and oxidation protection	• Extends component and fluid life
Superior shear stability	• Minimizes wear during severe service
Exceptional low temperature properties	• Reduces wear at cold starts and improves shifting
Extended drain and service intervals	• When used with LOA it will lower operating costs
Excellent frictional properties	• Helps to improve fuel economy and lower operating costs


Applications:

- Heavy Duty manual transmissions where extended service drain intervals are required
- On-highway commercial light and heavy duty trucking, buses, vans and delivery vehicles
- Off-highway industries such as construction, mining and agriculture
- NOT suitable for use in API GL-5 applications such as differentials and final drives

Specifications Met:

- Eaton PS-386
- Mack TO-A Plus
- International TMS-6816
- ZF Freedom Line

Typical Physical Properties:	SWEPCO 50Wt 711	Specs
SAE Grade	50.....	50
Viscosity		
40°C cSt.....	90.37.....	Report
100°C cSt.....	14.18.....	13.5 to 18.4
Index.....	162.....	Report
Brookfield cP @ -40°C.....	22,000.....	150,000 max
Pour Point, °F (°C).....	-45 (-43).....	(<-40)
Flash Point, °F (°C).....	425 (218).....	Report
Foam		
Sequence I.....	Pass.....	Pass
Sequence II.....	Pass.....	Pass
Sequence III.....	Pass.....	Pass
Lbs./Gal.....	7.05.....	Report
Copper Strip Corrosion		
3 hrs. at 100°C.....	1a.....	1b max
3 hrs. at 121°C.....	1a.....	1b max
Demulsibility D1401 minutes to 40/40/0.....	5.....	



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... the cutting edge performance SWEPCO
Customers have come to expect since 1933



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