

PRODUCT DATA SHEET

PETROMIN TRANSPOWER FS

PETROMIN TRANSPOWER FS series is a synthetic heavy-duty gear and bearing lubricants designed for use in manual transmissions, transfer cases and differential axles of trucks, farm tractors, construction, passenger cars and miscellaneous industrial equipment. It is blended from very high viscosity index, low pour point synthetic base stocks, which provide maximum protection to gears and bearings operating over a wide range of temperatures, speeds and loads. Their superb resistance to oxidation provides the benefit of extended drain intervals. It is developed to meet the most demanding extended drain and warranty requirements.

BENEFITS

- Provides full protection to system parts against rust and corrosion
- Excellent demulsibility which ensure readily water separation.
- High VI and low PP of synthetic base stocks provide reduced fluid friction with resultant fuel savings potential during low temperature start-up or operating conditions.
- Excellent load carrying properties (SAE 75W-90 and 80W-140) for maximum protection against component wear
- Superior oxidation resistance for extended drain intervals
- Superior protection against rusting, pitting and corrosion.

PERFORMANCE LEVEL

- API Service Classifications, GL-5 and MT-1
- Dana Corporation, SHAES 429
- Mack Truck, GO-J
- International, TMS 6816
- SAE, J2360/MIL-PRF-2105E
- Arvin Meritor, 0-76-B (petroleum), 0-80 (synthetic)

APPLICATIONS

Recommended for applications where heat and wear poses major problems. These applications include manual transmissions where EP type lubricants are recommended, differentials including limited slip, and transfer cases for heavy equipment, trucks, tractors and industrial gear drives. Automobiles, light duty trucks and farm machinery are other potential uses of this lubricant.

PRODUCT CHARACTERISTICS*

PROPERTIES	UNITS	VALUE		TEST METHOD
SAE Grade	-	75W90	80W-140	-
Specific Gravity @ 15 °C	-	0.857	0.872	ASTM D-4052
Viscosity @ 40 °C	mm ² /s	96.80	284.0	ASTM D-445
Viscosity @ 100 °C	mm ² /s	14.74	30.6	ASTM D-445
Viscosity Index	-	159	146	ASTM D-2270
Flash Point, COC	°C	211	215	ASTM D-92
Pour Point	°C	-42	-39	ASTM D-97
Copper Strippes Corrosion 3Hrs @100 oC	-	1a	1a	ASTM D-130
Copper Strippes Corrosion 3Hrs @121 oC	-	1a	1a	ASTM D-130
FZG, Load test, Pass	Stage	12	12	-
Product Code	-	XXXX	XXXX	-

*The information and figures given here are typical of current production and conform to specification, minor variations may occur.

