

HPURE GEARMATIC G5 AXTRANS

Product Description

High performance heavy-duty synthetic manual transmission fluid for use in heavy duty truck synchronised commercial vehicle manual transmission systems. It specially tunes friction characteristics to contribute smooth shifting performance, and extreme pressure (EP) protection promotes resistance to component scuffing and wear, helping reduce the frequency of maintenance.

Formulated with synthetic base fluids in combination with a high performance additive system and offers a drain capability of up to 300,000 km or 3 years. It meets the MAN specifications MAN 342 Type M3 and MAN 341 Type Z2 for total driveline applications and is suitable for use for DAF, IVECO, RENAULT and VOLVO commercial vehicles.

Applications / Benefits

- γ Exceptional thermal stability and resistance to high temperature oxidation
- γ Excellent shear stability
- γ Outstanding low temperature fluidity versus mineral oil
- γ Enhanced frictional properties, Improved fuel economy and improved shiftability

Typical Characteristics

Test Description	Method	Unit	
SAE Viscosity Grade	SAE J 300	-	75W80
Density @ 15 °C	ASTM D 4052	kg/L	0.865
Flash Point	ASTM D 92	°C	216
Pour Point	ASTM D 97	°C	-39
Kinematic Viscosity @ 40°C	ASTM D 445	cSt	47.2
Kinematic Viscosity @ 100°C	ASTM D 445	cSt	9.5
Viscosity Index	ASTM D 2270	-	191

Suggested for the following Uses

Y API	GL-5
Y API	MT-1
Y DAF	For MIL-PRF-2105E Lubricants
Y DETROIT DIESEL	DFS 93K219.01
Y IVECO	For MIL-PRF-2105E Lubricants
Y MACK	GO-J
Y MB APPROVAL	MB 235.8
Y MAN	341 GA1
Y MAN	341 Z2
Y MAN	342 M3
Y MERITOR	O76-E
Y MERITOR	O-94
Y MIL	PRF-2105E
Y RENAULT	B0032/2 ANNEX 3
Y SAE	J2360
Y SCANIA	STO 1:0
Y SCANIA	STO 1:1G
Y VOLVO	97312
Y ZF	TE-ML 02B
Y ZF	TE-ML 05A
Y ZF	TE-ML 07A
Y ZF	TE-ML 12B
Y ZF	TE-ML 12L
Y ZF	TE-ML 12N
Y ZF	TE-ML 16B
Y ZF	TE-ML 16F
Y ZF	TE-ML 17B
Y ZF	TE-ML 19C
Y ZF	TE-ML 21A
Y ZF	TE-ML 24A

Reference No.
6415G3GL5TDL10REV0

Last revised date:
16/4/2024