

GEARBOX Z12

Petromin Gearbox Z12 is a premium performance, multipurpose anti-wear axle & differential oil, which is formulated with high viscosity index severely hydro-treated base fluid, with ZF qualification in particular. This can be used in Allison, Mercedes Benz, Volvo, Voith & other axles. It is specially designed for heavy duty automatic truck and bus axle, transmissions operating in severe service. Its non-aggressive chemistry makes it an ideal replacement for many synthetic base fluids products.

BENEFITS

- Smooth shift feel for the life of the oil.
- Reduces harmful deposits.
- Excellent wear protection.
- Contains synthetic base oils for longer life.
- Will not harm brass or bronze.
- Compatible with synchro materials.
- Extra Long Oil Drain provides less maintenance.
- Less deposit formation due to use of outstanding oxidation inhibitors.
- Mixes unharmed with most of the OEM fluids.
- Compatible with a wide range of seals.
- Longer life due to synthetic base oil.
- Maximizes equipment life by maintaining wear protection and oil film thickness.

APPLICATIONS

Petromin Gearbox Z12 is designed for various axles & Transmissions, also recommended for use in below applications:

- On-highway heavy-duty automatic transmissions
- Off-highway heavy-duty automatic transmissions
- Car and light truck automatic transmissions
- Manual transmissions and transaxles (where this type of fluid is appropriate)

PERFORMANCE LEVEL

Petromin GEARBOX Z12 has the following Builder Approvals:

- MAN 341 Type Z2/342 Type M2
- ZF TE-ML 02B/ TE-ML 05A/ TE-ML 12L/
TE-ML 12M/ TE-ML 16B/ TE-ML 17H/
TE-ML19B/ TE-ML 21A



PRODUCT DATA SHEET

PRODUCT CHARACTERISTICS*

PROPERTIES	UNITS	VALUE	TEST METHOD
SAE Grade	-	80W-90	-
Specific Gravity @ 15 °C	-	0.897	ASTM D-4052
Viscosity @ 40 °C	mm ² /s	139.0	ASTM D-445
Viscosity @ 100 °C	mm ² /s	14.6	ASTM D-445
Viscosity Index	-	104	ASTM D-2270
Flash Point, COC	°C	234	ASTM D-92
Pour Point	°C	-33	ASTM D-97
Copper Strip Corrosion 3 hrs @ 100 °C	-	1a	ASTM D-130
Brookfield Viscosity @ -26°C	cP	141000	ASTM-2983
Foam (seq II)	ml	20/0	ASTM D-982
Damage Load Stage	stage	+12	DIN 51354-2

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

