

0248.24

Gear Oil EP FZ

SAE 80W-90

Lubricant for mechanical transmissions where API GL-4 performance level is requested.

PAKELO GEAR OIL EP FZ SAE 80W/90 is a gear lubricant with good EP (Extreme Pressure) properties, suitable for gearboxes and differentials and also for heavy loaded gears.

The product is formulated with solvent refined virgin base stocks, with exclusion of regenerated bases and aromatic extracts.

The particular additivation confers good anti-foam, anti-rust and anti-oxidative properties, high Viscosity Index, good chemical stability and resistance to the formation of lacquer, carbon residues, sludge and deposits.

Furthermore PAKELO GEAR OIL EP FZ SAE 80W/90 has excellent anti-wear properties to guarantee longer life of mechanic components and total compatibility with standard metals, alloys and gaskets normally used in transmissions.

PAKELO GEAR OIL EP FZ SAE 80W/90 allows optimal functioning of synchronizers also in heavy duty conditions such as stop-go traffic of urban environments that obligates to continuous shifts.

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Application fields

PAKELO GEAR OIL EP FZ SAE 80W/90 can be used for mechanic gearboxes synchronized or not, differentials (not limited slip), final drives and mechanic transmissions where a lubricant with an API GL-4 performance level is requested.

PAKELO GEAR OIL EP FZ SAE 80W/90 is suitable for gearboxes and differentials of cars and commercial or industrial vehicles.

The choice of suitable Viscosity Grades must be made in compliance with Recommendations from Constructors and according to ambient temperatures.

Performance level

API GL-4, **MIL**-L-2105, **MB** 235.1, **MAN** 341 Type E-1, **MAN** 341 Type Z-1, **ZF** TE-ML 02B / 08 / 16A / 17A / 19A.

Chemical-Physical Characteristics

Gear Oil EP FZ	Method analysis	Unit measure	Value SAE 80W-90
Density at 15°C	ASTM D1298	kg/l	0,885
Kinematic Viscosity at 40°C	ASTM D445	cSt	138,8
Kinematic Viscosity at 100°C	ASTM D445	cSt	14,2
Viscosity Index	ASTM D2270	-	100
Brookfield Viscosity at -26°C	ASTM D2983	cP	145.000
Flash Point (C.O.C.)	ASTM D92	°C	208
Pour Point	ASTM D97	°C	-27

The data just above refer to average values and must not be understood as guaranteed characteristics.

This Technical Data Sheet has been carefully checked to guarantee complete and precise information. However, we do not take any responsibility in case of damages caused by any mistakes or omissions. Due to continual product research and development, the information contained herein is subject to change without notification.