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Gear TS Plus

SAE 75W-80

Fully synthetic lubricant for manual transmissions of passenger cars and vans.

PAKELO GEAR TS PLUS SAE 75W-80 is a high performance fully synthetic lubricant for manual transmissions.

The product provides the following properties:

- high anti-wear and EP (Extreme Pressure) capabilities, protecting components against wear under the conditions of normal and high loads and torques
- very high shear stability: viscosity index improvers guarantee high resistance to mechanical stress and, during service, allow to maintain viscosities almost equivalent to new lubricant
- very good thermal stability of the synthetic base oils used which allows the product to be used under heavy conditions and at high temperatures
- very good oxidative stability that prevents oil thickening, formation of laquers, sludge and deposits and guarantees better cleanness of internal surfaces of transmissions
- high anti-rust and anti-corrosion properties
- great anti-foam characteristics that prevent oil film breakdown and maintain the protective oil film, enabling constant lubrication of mechanical components
- good compatibility with all materials used in synchronizers: this helps the product to maintain a perfect gear shift during all drain interval
- good compatibility with commonly used seals preventing oil leakages even at high working temperatures
- excellent fluency at low temperatures (SAE 75W) enabling to improve significantly shifting performance during start-ups
- “fuel-economy” properties which allow the product, even if compared to similar viscosity lubricants, to lower end users’ running costs and to be less harmful to the environment.

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Application fields

PAKELO GEAR TS PLUS SAE 75W-80 has been developed for synchronized manual transmissions of passenger cars and vans, even working under heavy duty conditions.

Thanks to its properties, the product shows a multi-vehicle versatility guaranteeing at the same time extended drain intervals and "fuel-economy" properties.

Pakelo Recommendations

API GL-4, **BMW** MTF LT-2 / LT-3 / LT-4, **Fiat** MZ6 / MZ7, **Ford** WSS-M2C200-D2, **GM** 19259104 (BOT 303) / 1940004 / 1940764 / 1940768 (SAE 75W-80), **MB** 235.10, **Nissan** MTX-XZ / MTX-XZ TL (JR Type), **PSA** B71 2315 / B71 2316 (HBVFE) / B71 2330, Special **Honda** MTF / MTF-II / MTF-III, Tranself NFJ / NFP / TRJ / TRP / TRT / TRX / TRZ, **Volvo** 97308 / 97309, **VW** G 009 317, **VW** G 052 171 / G 052 178 / G 052 512 / G 052 527 / G 052 532 / G 052 726, **VW** G 055 512 / G 055 532, **VW** G 060 726, **VW** G 070 726.

Chemical-Physical Characteristics

Gear TS Plus	Method analysis	Unit measure	Value SAE 75W-80
Density at 15°C	ASTM D1298	kg/l	0,860
Kinematic Viscosity at 40°C	ASTM D445	cSt	52,1
Kinematic Viscosity at 100°C	ASTM D445	cSt	9,0
Viscosity Index	ASTM D2270	-	154
Brookfield Viscosity at -40°C	ASTM D2983	cP	40.000
Flash Point (C.O.C)	ASTM D92	°C	210
Pour Point	ASTM D97	°C	-44

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.