

GEAR OIL SAE 75W-85 GL-5 EASY SHIFT HIGH VISCOSITY GEAR OIL

Pennarol Smooth Shift 75W-85 Gear Oil is a premium transmission oil for manual, transaxle and transfer case gear oil providing **API GL-5** specifications. This product is blended with long service additives for superior high temperature stability and excellent load carrying capacity with a unique shear stable modifier for stay-in-grade performance.

Performance Features

- **Pennarol Easy Shift 75W-85** Gear Oil is formulated using select base oil with superior additive packages to enhance wear protection, corrosion protection, seal compatibility and low temperature characteristics. The optimized formulation provides enhanced oxidation and thermal stability to ensure fluid durability, longevity and performance.
- **The High Viscosity Index (HVI)** oil has advantages of low volatility for less oil consumption, low wax content for improved low temperature fluidity, high saturates level for excellent thermal and oxidation stability, and low sulphur and aromatic compounds that deliver better environment outcomes.
- **Proven synchroniser performance** – makes gear shifting easier and transmission operation quieter.
- **Excellent wear reduction** and good friction behaviour – lower wear with extended gear component life.
- **Better low temperature performance** – very fluid at low temp, easier cold starting and gear shifting.
- Good **corrosion protection and rust prevention** – Delivers longer component life.

Applications

- Designed mainly for manual transmission and transaxle application where **API GL-5** is recommended.
- It is intended for use in axles with spiral bevel gears under moderate to severe speed and load conditions.
- It can also be used for axles with hypoid gears under moderate speeds and load conditions.
- Pennarol Smooth Shift 75W-85 Gear Oil may be used in passenger cars and light commercial truck transmission; and transaxle application where API GL-3 or 4 and SAE



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- 75W-85 or 80 viscosity is specified in 4WD's, tractors, construction, buses, mining and motorcycles with dry clutch gearboxes.

Special Benefits

- Better protection against wear that helps extend gear and bearing life and improve friction behaviour.
- Better oxidation control that helps prevent oil thickening and helps preserve oil life.
- Provides exceptional cleanliness on the synchroniser rings, main shaft and countershaft.
- Provides lower co-efficient of friction to improve power and fuel consumption.

Specifications

- API Service Classification: GL-5
- SAE: 75W/85 SAE J306B

Manufacturer Specifications

- GM HN 1046, 1070, 1820, 1855, 2276
- MB 235.10/235.4
- ZF TE-ML 01/02/08
- MAN 341
- Chrysler MS 9224
- BTR 5M-42 (80)
- FORD ESP-M2C-83 ESW-M2C-83A/B, WSD M2C200-C
- MIL-L-2105A

*Check owners' manual before use

Typical Data

Pennarol Smooth Shift SAE 75W-85	
Viscosity @ 40°C	36.65cSt
Viscosity @ 100°C	7.76cSt
Viscosity Index	179
Specific Gravity	0.845
Product Code / Pack size	2223. 05/20/205

Note: Pennarol 75W-85 gear oil may be unsuitable for use in some transmissions, always consult owners' manual if in doubt

Storage

All packages should be stored under cover to avoid the possible ingress of water and the obliteration of drum markings. Products should not be stored above 60°C

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