

TRANSMISSION GL-5 80W-90, 85W-140

TRANSMISSION OILS - MINERAL

BULWARK TRANSMISSION GL-5 is a series of high-quality multi-grade transmission oils designed for use in differentials, manual transmissions and other automotive gear boxes. They are blended with high quality mineral paraffinic base oils providing outstanding gear protection and lubrication of bearings together with excellent extreme pressure and good cold flow properties.

BULWARK TRANSMISSION GL-5 80W-90 and 85W-140 are superior multi-grade mineral gear lubricants designed to use in drive axles of passenger cars, light, medium and heavy commercial vehicles operating under wide range of temperature and operating conditions. Not recommended for use in manual gearboxes with brass synchronizers.

PERFORMANCE LEVEL*

- API GL-5
- MAN 342 Type M2 (80W-90)
- MIL-L-2105D;
- ZF-TE-ML 05A, 7A, 08A, 12E, 16B 16C&D and 21A 17B, 19B, 21A

KEY BENEFITS

- Trouble-free performance.
- Increased load-carrying capability with outstanding protection against low-speed/high torque wear.
- Excellent thermal and oxidation stability helps extend gear and bearing life.
- Excellent rust and corrosion protection help reduce wear and prolongs component life.
- Good anti-foam characteristics maintain film-strength for reliable lubrication at varying speeds.

TYPICAL CHARACTERISTICS**

Properties	Test Methods	80W-90	85W-140
Density @ 15 °C Kg/m ³	ASTM D4052	0.887	0.898
Kinematic Viscosity @ 100°C cSt	ASTM D7042	15.50	25.70
Viscosity Index	ASTM D2270	101	97
Pour Point, °C	ASTM D97	-33	-27
Flash Point, COC, °C	ASTM D92	232	244
Foam Stability	ASTM D892		
Seq I		0/0	0/0
Seq II		0/0	0/0
Seq III		0/0	0/0
Brookfield Viscosity, mPa·s	ASTM D2983	84,000 at -26°C	98,000 at -12 °C

* Performance levels indicated may include licensed API specs or specs that our products meet or exceed

** Typical Characteristics are typical values. Minor variations within the permissible tolerance limits may be expected on the final product.

STORAGE

All packages should be stored under cover. Where outside storage is unavoidable, drums should be laid horizontally to avoid the possible ingress of water and the obliteration of drum markings. Products should not be stored above 60°C, exposed to hot sun or freezing conditions.

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Bulwark International UK Ltd, 34 Woodland Road, Sawston, CB22 3DU, United Kingdom. info@bulwarkauto.co.uk