



## Transmax Manual VMX 80W

Manual Transmission Fluid

### Description

Castrol Transmax Manual VMX 80W is a manual transmission fluid designed to provide easier gear changes over a wide temperature range. It may be used in the manual transmissions of most car or light commercial vehicles requiring GL-4 performance and where improved low-temperature shifting is required.

### Advantages

- Quieter transmission operation and easier low-temperature gear shifting improve the driving experience.
- Improved gear tooth and bearing durability reduce the risk of breakdown and extend component life.
- Effective lubrication over a wide temperature range.
- It can be used as low drag gearbox oil in two-stroke motorcycles with separate gearboxes.

### Typical Characteristics

Name	Method	Units	Transmax Manual VMX 80W
Density @ 15°C, Relative	ASTM D1298	g/ml	0.885
Viscosity, Kinematic 100°C	ASTM D445	mm <sup>2</sup> /s	10.5
Viscosity, Kinematic 40°C	ASTM D445	mm <sup>2</sup> /s	58
Viscosity Index	ASTM D2270	None	173
Viscosity, Brookfield @ -26°C (80W)	ASTM D2983	mPa.s (cP)	5600
Pour Point	ASTM D97	°C	-39

### Product Performance Claims

API GL-4

Transmax Manual VMX 80W

22 Apr 2021

Castrol, the Castrol logo and related marks are trademarks of Castrol Limited, used under licence.

This data sheet and the information it contains is believed to be accurate as of the date of printing. However, to the extent that it is permissible by law to exclude warranties and representations, no warranty or representation, express or implied, is made as to its accuracy or completeness. Data provided is based on standard tests under laboratory conditions and is given as a guide only. Users are advised to ensure that they refer to the latest version of this data sheet. It is the responsibility of the user to evaluate and use products safely, to assess suitability for the intended application and to comply with all applicable laws and regulations. Material Safety Data Sheets are available for all our products and should be consulted for appropriate information regarding storage, safe handling, and disposal of the product. Refer to the MSDS, available from our website for further information. No responsibility is taken by either Castrol NZ, BP plc or its subsidiaries for any damage or injury resulting from abnormal use of the material, from any failure to adhere to recommendations, or from hazards inherent in the nature of the material. All products, services and information supplied are provided under our standard conditions of sale. You should consult our local representative if you require any further information.

Castrol New Zealand Limited  
Technical Advice Line 0800 10 40 60 Customer Service 0800 CASTROL (227 876)  
www.castrol.co.nz www.msds.castrol.co.nz