



Castrol Manual VMX 80W (Replaces VMX 80) Manual Transmission Fluid

Description

Castrol Manual VMX 80W is a manual transmission fluid of advanced design especially developed to provide easier gear changes over a wide temperature range.

Castrol Manual VMX 80W is particularly versatile in cold weather. It reduces shift effort at start-up, as well as controlling transmission noise and idle rattle at operating temperatures.

Application

Castrol Manual VMX 80W is a manual transmission lubricant. It should be used in manual transmissions of most car and light commercial vehicles (LCV's) requiring GL-4 performance, where improved low temperature shift performance is required

Front Wheel Drive Vehicles:	Virtually all modern transverse engine cars
Mitsubishi:	Castrol VMX-M 75W-85 is our prime recommendation for Mitsubishi vehicles.
Ford:	3, 4, and 5-speed transmissions
GMH:	4 and 5-speed transmissions
Mazda:	Manual transaxles and transmissions
Nissan:	Manual transaxles and transmissions
Toyota:	4 and 5-speed transmissions and transaxles
Motorcycles:	2-stroke motorcycle gearboxes (gives low drag and very good anti-wear performance)

Castrol Manual VMX 80W is recommended as an alternative in MANUAL transmissions where Castrol TQ-D III or Transmax M has been recommended, and where automatic transmission fluid, or SAE 30, 40 or 10W-30 motor oils are specified.

Note: Castrol Manual VMX 80W is not recommended for automatic transmissions or hypoid differentials.

It is preferable NOT to mix or add Castrol Manual 80W with any other transmission or transaxle oils otherwise its performance will not be maximized.

Always ensure the correct transmission oil (as specified by the vehicle manufacturer) is used by referring to the vehicles' owner handbook or Castrol Lubrication Reference Guide.

Advantages

- Quieter transmission operation and easier low temperature gear shifting improves driving experience
- Improved gear tooth and bearing durability reduces the risk of breakdown and extended component life
- Effective lubrication over a wide temperature range
- It can be used as a low drag gearbox oil in 2-stroke motorcycles with separate gearboxes

Typical Characteristics

Name	Method	Units	Manual VMX 80W
Density @ 15°C, relative	ASTM D1298	g/mL	0.885
Appearance	Visual		Clear and Bright
Viscosity, Kinematic 40°C	ASTM D445	mm ² /s	58
Viscosity, Kinematic 100°C	ASTM D445	mm ² /s	10.5
Pour Point	ASTM D97	°C	-27
Viscosity Index	ASTM D2270	°C	160

The above data is typical and does not constitute a specification.

Product Performance Claims

- SAE 80W viscosity – SAE 75W-80 extrapolated (equivalent to 10W-30)
- API Service Classification GL-4

Product Removal

- Bare Metal Surfaces:** Remove with Castrol solvent cleaners or water based degreasers.
- Hand Cleaning:** Use any of the Castrol range of hand cleaners; e.g. CareClean Plus.
- Other Surfaces:** Contact your local Technical Advice Line on 1300 557 998.

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