



Castrol Manual VMX 80W

Manual Transmission Fluid

Description

Castrol Manual VMX 80W is a manual transmission fluid for passenger car and light commercial vehicles, designed to provide easier gear changes over a wide temperature range. It is particularly versatile in cold weather, reducing shift effort at start up and controlling transmission noise at operating temperatures.

Application

Castrol Manual VMX 80W is recommended for use in manual transmissions of most passenger cars and light commercial vehicles requiring API GL-4 performance, particularly where improved low temperature shifting is required. It is suitable for nearly all front wheel drive vehicles fitted with manual (transaxle) transmissions. Castrol Manual VMX 80W may also be used in 2-stroke motorcycle gearboxes.

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 extends component life
- Effective lubrication over a wide temperature range
- May be used as a low drag gearbox oil in 2-stroke motorcycles fitted with separate gearboxes

Typical Characteristics

Name	Method	Units	Manual VMX 80W
Density @ 15C, Relative	ASTM D1298	g/ml	0.885
Viscosity, Kinematic 100C	ASTM D445	mm ² /s	10.5
Pour Point	ASTM D97	°C	-27
Viscosity Index	ASTM D2270	None	163
Viscosity, Brookfield @ -26C	ASTM D2983	mPa.s	< 150,000

Product Performance Claims

API GL-4

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 obliteration of drums markings. Products should not be stored above 60°C, exposed to hot sun or freezing conditions.

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