

Product data

VMX 80

Product Description

Castrol VMX 80 is a manual transmission fluid of advanced design especially developed to provide easier gear changes over a wide temperature range. Castrol VMX 80 is particularly versatile in cold weather. It reduces shift effort at startup, as well as controlling transmission noise and idle rattle at operating temperatures.

Product Application

Castrol VMX 80 is a manual transmission lubricant. It should be used in the manual transmissions of most manufacturers, where improved low temperature shift performance is required.

- ◆ Front Wheel Drive Vehicles: Virtually all modern transverse engine cars.
- ◆ Mitsubishi: Sigma 5 speed transmission. Manual transaxles.
- ◆ Ford: 3, 4 and 5 speed transmissions.
- ◆ GMH: 4 and 5 speed transmissions and transaxles.
- ◆ Mazda: Transaxle 5 speed transmissions.
- ◆ BTR-A: 3, 4 and 5 speed transmissions.
- ◆ Nissan: Cabstar 3 tonne transmission. Pulsar 5 speed transmission.
- ◆ Toyota: 4 and 5 speed transmission, transaxle.
- ◆ Motorcycles: 2 stroke motorcycle gearboxes, (gives low drag and very good antiwear performance).

Product Features & Benefits

Extensive durability testing in transmissions under extremes of temperature has proven that **Castrol VMX 80** provides.

- ◆ Quieter transmission operations.
- ◆ Easier low temperature shifting.
- ◆ Improved gear tooth and bearing durability.
- ◆ Continued lubrication effectiveness over a broad range of operating temperatures.
- ◆ High wear stability - excellent film strength and protection during the life of the lubricant.
- ◆ Low drag in 2 stroke Motorcycle gearboxes.

Typical Characteristics

Density @ 15°C	KV @ 100°C (cSt)	KV @ 40°C (cSt)	Viscosity Index	Pour Point °C	Viscosity Grade (°C)	API Gear Rating
0.866	10.5	59.2	160 min	-32	75W (Ext)/80W	GL4

Performance Levels

Castrol VMX 80 meets the following performance levels:

- ◆ SAE 80W viscosity - SAE 75W/80 extrapolated. (Equivalent to SAE 10W/30)
- ◆ API GL4 performance level.
- ◆ GMH HN 1820 and HN 1855 specification

Castrol VMX 80 is recommended as an alternative in MANUAL transmissions where Castrol TQ Dexron 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 VMX 80** is NOT recommended for automatic transmissions or hypoid differentials.

Health, Safety & Environment

Castrol VMX 80 is considered non-hazardous according to Worksafe. However in line with safe handling practices, it is recommended that the handling instructions outlined in the Castrol Material Safety Data Sheet be followed.

Spillage

- Small:** Soak up using an inert mineral adsorbent such as Castrol Diatomaceous Earth and dispose of in the appropriate manner.
- Large:** Corrective action usually dictated by individual company safety procedures. Immediate containment and subsequent removal is essential.
- Disposal:** Oily materials must not be allowed to enter groundwater, watercourses, sewerage or drainage systems. Refer to local Waste Disposal Authority for legal requirements.

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 Special Products Division in each State Office.

Although all reasonable care has been taken to ensure that the information contained in this publication is accurate as at the time of printing, such information is nevertheless liable to variation in the event of changes occurring subsequent to the date of printing it: the blend formulation, methods of storage, or due to the improper handling or application of any of the products referred to, or in the requirements of any specification or approval relating to any of the products.

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