



**EXCEL PRO (PASSANGER CAR MOTOR OIL)**

**Introduction:**

Motorol EXCEL PRO 20W-50 is a superior quality and ultra high performance multigrade gasoline engine oil. Recommended for operating on petrol/ diesel engines. Formulated with premium quality mineral base stocks and ultra performance additives.

**Applications:**

- ◆ All new generation passenger cars, SUVs, vans with naturally aspirated or turbo charged gasoline & diesel engines.

**Performance Standard:**

API SL/CF

**Advantages:**

- ◆ Excellent protection against wear
- ◆ prolongs engine life
- ◆ Excellent thermal and high oxidation stability, there by minimizes the oil thickening
- ◆ Excellent inhibiting properties against rust, corrosion & varnish
- ◆ Excellent prevention of piston deposits and sludge formation
- ◆ Excellent shear stable viscosity index modifier to ensure the stay-in-grade viscosity level both during summer and winter.

**Typical Specifications:**

Sr. No.	Characteristics	Test Method	Typ. Value
1	Appearance	VISUAL	Bright & Clear
2	Colour, Max	ASTM D 1500	3.0
3	Kinematic Viscosity at 100°C, cSt	ASTM D - 445	17.5-19.5
4	Viscosity Index, Min	ASTM D - 2270	110
5	TBN, mg KOH/g	ASTM D - 2896	5 - 7
6	Flash Point, (COC), °C Min	ASTM D - 92	210
7	Pour Point, °C Max	ASTM D - 97	(-) 21

**Environment, Health & Safety:**

Every care has been taken to ensure the accuracy of the information in this PDS. This however may be affected by subsequent improvement in product (R&D). MSDS is available for all MOTOROL products on request.

MOTOROL products are unlikely to present any health and safety hazard with proper use for the correct application and maintain proper personal hygiene. Do not Spill oils on the shop floor, discharge into drains ,ground or water sources.