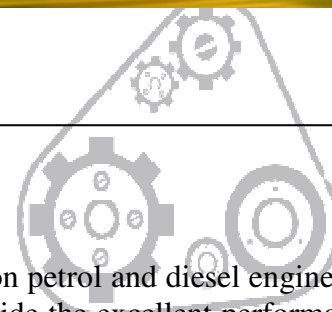




EXCEL PLUS (PASSANGER CAR MOTOR OIL)



Introduction:

Motorol EXCEL PLUS 20W-50 is high performance mineral lubricant for modern generation petrol and diesel engines. It is blended with the high quality mineral base stocks and the best available additives to provide the excellent performance and all round protection.

Applications:

- ◆ It is recommended for modern cars incorporating any of the following technologies-multi-valve, unleaded or leaded petrol catalytic convertor equipped air conditioning system, turbo charged cars.
- ◆ It is also recommended for moderately severe driving conditions like start stop city driving.

Advantages:

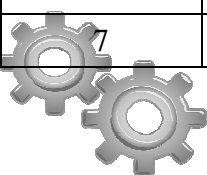
- ◆ Improves engine cleanliness
- ◆ Reduces oil consumption
- ◆ Reduces maintenance cost
- ◆ Improved protection for old and new engines

Performance Standard:

API SJ/CF

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.