



**GALLANT ADVANCE PLUS (DIESEL ENGINE OIL)**

**Introduction:**

**Motorol GALLANT ADVANCE PLUS** is designed for modern low emission vehicles, including those with EGR & wide variety of service conditions. **Motorol GALLANT ADVANCE PLUS** is developed from high viscosity index base oil, OCP (Olefin Copolymer) and advance performance additive. The balanced formulation helps to maximize engine durability. It meets SAE 15W-40 grade.

**Applications:**

- ◆ All naturally-aspirated and turbo charged four stroke diesel engine oil using high and low sulphur fuels.
- ◆ Commercial road transport including the latest electronically controlled engines.
- ◆ Stop-and-go vehicles in high soot loading services such as buses and waste collection trucks.
- ◆ Off high way vehicles and plant machinery including equipment for open cut and underground mining, quarrying and construction.
- ◆ Power generation sets.

**Advantages:**

- ◆ Control oil thickening and increase oil efficiency
- ◆ Control piston deposit and reduce oil consumption
- ◆ Increase oil drain interval
- ◆ Control wear, corrosion and soot and enhance life of critical engine component.

**Performance Standard:**

- ◆ API CI4 PLUS
- ◆ VOLVO VDS -3
- ◆ ACEA E7
- ◆ CUMMINS CES 20078
- ◆ MAN 3275
- ◆ MACK EO-M PLUS
- ◆ MB 229.1
- ◆ RENAULT RLD 2

**Typical Specifications:**

Sr. No.	Characteristics	Test Method	Typ. Value
1	Appearance	VISUAL	Bright & Clear
2	Colour, Max	ASTM D 1500	4.0
3	Kinematic Viscosity at 100°C, cSt	ASTM D - 445	13.5 - 16.5
4	Viscosity Index, Min	ASTM D - 2270	135
5	TBN, mg KOH/g	ASTM D - 2896	10-12
6	Flash Point, (COC), °C Min	ASTM D - 92	200
7	Pour Point, °C Max	ASTM D - 97	(-) 24

**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.