



**MOTOROL ULTRA PREMIUM WET BRAKE OIL (TRANSMISSION OIL)**

**Introduction:**

MOTOROL ULTRA PREMIUM WET BRAKE OIL is a multi-functional oil for lubrication of transmission, axles, wet brakes, wet clutches and hydraulics under the category of Universal Tractor Transmission Oil (UTTO). Blended with high performance additive with antiwear (AW) and extreme pressure (EP) properties and high viscosity index base stocks Recommended for off-highway equipments.

**Applications:**

- ◆ Oil immersed brake oil for farm tractors, harvesters, loaders, excavators and dozers used in agriculture, mining, quarrying, road building and construction. Equipments requiring a single oil with common oil system for lubrication of transmission, clutch, brake & hydraulic system.

**Advantages:**

- ◆ Increases gear life
- ◆ Provides cooling
- ◆ Keeps oil free from dirt
- ◆ Provides long life under heavy loads

**Performance Standard:**

New Holland Ford: M 2 C 134 D, M2C86 B, John Deere: J 20 C, J 20 D, Massey Ferguson: CMS M 1135, CMS1143, API GL4

**Typical Specifications:**

| Sr. No. | Characteristics                   | Test Method  | Typ. Value     |
|---------|-----------------------------------|--------------|----------------|
| 1       | Appearance                        | VISUAL       | Bright & Clear |
| 2       | Colour                            | ASTM D 1500  | 3              |
| 3       | Kinematic Viscosity at 100°C, cSt | ASTM D - 445 | 11-13          |
| 4       | Kinematic Viscosity at 40°C, cSt  | ASTM D - 445 | 80-100         |
| 5       | Viscosity Index, Min              | ASTM D 2270  | 135            |
| 6       | Flash Point, (COC), °C Min        | ASTM D - 92  | 200            |
| 7       | Pour Point, °C Max                | ASTM D - 97  | (-) 35         |

**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.