

## POWEROIL PEARL M 150

Meets the requirements of following Specifications :

- EP (Current Revision), Light Liquid Paraffin.
- BP (Current Revision), Light Liquid Paraffin.
- US FDA 21 CFR 172.878 & 21 CFR 178.3620 (a), White Mineral Oil.

| Sr No | Characteristics                 | Unit | Test Method               | Specification   |       |
|-------|---------------------------------|------|---------------------------|---|-------|
|       |                                 |      |                           | Min.  | Max.  |
| 1     | Appearance                      | -    | Visual                    | Colourless, transparent , oily liquid , free from florescence in daylight.                        |       |
| 2     | Solubility                      | -    | EP / BP                   | Practically insoluble in water, slightly soluble in ethanol (96%) and miscible with hydrocarbons. |       |
| 3     | Color, Saybolt                  | -    | ASTM D 156                | + 30  | -     |
| 4     | Kinematic Viscosity at 40°C     | cSt  | ASTM D 445<br>ASTM D 7042 | 28.8  | 33.5  |
| 5     | Dynamic Viscosity at 20°C       | mPas | EP / BP                   | 56  | 75    |
| 6     | Flash Point, (COC)              | ° C  | ASTM D 92                 | 180   | -     |
| 7     | Pour Point                      | ° C  | ASTM D 97                 | -   | -12   |
| 8     | Relative Density at 20°C        | -    | EP / BP                   | 0.820   | 0.875 |
| 9     | Acidity or Alkalinity           | -    | EP / BP                   | Not more than 0.1 ml of 0.1 M NaOH  |       |
| 10    | Readily Carbonisable Substances | -    | EP / BP                   | Pass  |       |
| 11    | Solid Paraffin                  | -    | EP / BP                   | Pass  |       |
| 12    | Polycyclic Aromatic Hydrocarbon | -    | EP / BP                   | Pass  |       |

**POWEROIL PEARL M 150** ( Light Liquid Paraffin – EP ) is a high purity EP / BP grade white mineral oil formulated from highly refined hydrotreated base oils meeting the extreme purity requirements of the European Pharmacopoeia and British Pharmacopoeia which ensures the absence of any significant sulfur, nitrogen, oxygen and halogen derivatives, unsaturated substances and aromatics

**Application:** Used in applications which includes medical formulations, ointments , laxatives , repository vaccines , hair oils , hair creams , cosmetics , facial creams and lotions , gelatin capsules, protective coatings for fruits and vegetables, veterinary preparations , egg preservatives etc.