

## POWEROIL PEARL L 50

Meets the requirements of following Specifications :

- USP/NF (Current Revision), Light Mineral oil..
- US FDA 21 CFR 172.878 & 21 CFR 178.3620 (a), White Mineral Oil.

| Sr No | Characteristics                 | Unit | Test Method               | Specification  |       |
|-------|---------------------------------|------|---------------------------|--|-------|
|       |                                 |      |                           | Min.   | Max.  |
| 1     | Description                     | -    | Visual                    | Colourless, transparent , oily liquid , free from florescence in daylight. |       |
| 2     | Color, Saybolt                  | -    | ASTM D 156                | + 30   | -     |
| 3     | Kinematic Viscosity at 40°C     | cSt  | ASTM D 445<br>ASTM D 7042 | 7.00   | 9.00  |
| 4     | Flash Point, (COC)              | ° C  | ASTM D 92                 | 140  | -     |
| 5     | Pour Point                      | ° C  | ASTM D 97                 | -  | -18   |
| 6     | Specific Gravity at 25°C        | -    | USP                       | 0.818  | 0.880 |
| 7     | Acidity                         | -    | USP                       | Not more than 1 ml of 0.01 N NaOH  |       |
| 8     | Readily Carbonisable Substances | -    | USP                       | Pass   |       |
| 9     | Polycyclic Aromatic Hydrocarbon | -    | USP                       | Pass   |       |
| 10    | Solid Paraffin                  | -    | USP                       | Pass   |       |
| 11    | Sulfur Compounds                | -    | USP                       | Pass   |       |

**POWEROIL PEARL L 50** ( Light Mineral Oil-USP ) is a high purity USP grade white mineral oil formulated from highly refined hydrotreated base oils meeting the extreme purity requirements of the United State 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.