



**Product Data**

## **Optileb™ WOM Range**

Medicinal White Oils

### **Description**

The Castrol Optileb™ WOM Range (previously called Whitemor™ WOM Range) of Medicinal White Oils are highly refined mineral oils which comply with the purity requirements of the various national Pharmacopoeias for Liquid Paraffins.

### **Application**

Optileb WOM Medicinal White Oils are used in the pharmaceutical, cosmetic and plastics industries and for all other applications where extremely high standards of purity are required. Optileb WOM Medicinal White Oils also comply with the purity requirements of:- Mineral Hydrocarbons in Food Regulations 1966 (SI No. 1073), British, European and United States Pharmacopoeias.

Meet the FDA regulations 21 CFR 172.878 and CFR 178.3620, and USP 31 / NF 26. WOM 14 and 65 are also NSF-H1 approved for incidental contact with foodstuffs

### **Advantages**

- No staining or discolouring.
- Odourless and tasteless.
- Extremely high purity
- NSF-H1 approved for incidental contact with foodstuffs

## Typical Characteristics

| Name                                | Method                 | Unit                | WOM 14                  | WOM 65                  |
|-------------------------------------|------------------------|---------------------|-------------------------|-------------------------|
| Appearance                          | Visual                 | -                   | colourless, transparent | colourless, transparent |
| Colour                              | Hazen                  | -                   | < 5.0                   | < 5.0                   |
| Colour - Saybolt                    | ASTM D156 / ISO 2049   | units               | 30                      | 30                      |
| Density @ 15°C / 59°F               | ASTM D4052 / ISO 12185 | kg/m <sup>3</sup>   | 850                     | 870                     |
| Kinematic Viscosity @ 20°C / 68°F   | ASTM D445 / ISO 3104   | mm <sup>2</sup> / s | 37.0                    | 215.0                   |
| Kinematic Viscosity @ 40°C / 104°F  | ASTM D445 / ISO 3104   | mm <sup>2</sup> / s | 16.0                    | 70.0                    |
| Kinematic Viscosity @ 100°C / 212°F | ASTM D445 / ISO 3104   | mm <sup>2</sup> / s | 3.5                     | 9.2                     |
| Refractive Index @ 20°C / 68°F      | ASTM D1747 / ISO 5661  | -                   | 1.467                   | 1.475                   |
| Carbon-type composition - CA/CN/CP  | ASTM D2140             | %                   | 0/35/65                 | 0/33/67                 |
| Pour Point                          | ASTM D97 / ISO 3016    | °C/°F               | -12 / 10                | -6 / 21                 |
| Flash Point - open cup method       | ASTM D92 / ISO 2592    | °C/°F               | 182 / 360               | 266 / 511               |

Subject to manufacturing tolerances.

**This product was previously called Whitemor WOM Range. The name was changed in 2015**

Optileb™ WOM Range

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