



Certificate of Analysis – Industrial Paraffin Oil

Characteristic	Specification	Method	Result
Appearance	Bright & Clear	Visual	Bright & Clear
Color	+30	ASTM D-156	+30
Viscosity @ 40 °C (cSt)	16–20	ASTM D-445	18.5 cSt
Viscosity @ 100 °C (cSt)	4.0–4.5	ASTM D-445	4.4 cSt
Flash Point (°C)	Min. 200	ASTM D-92	205 °C
Acidity or Alkalinity	Passed	BP 2022	Pass
Specific Gravity	0.830–0.850	ASTM D-1298	0.834
Pour Point (°C)	0 to -3	ASTM D-97	+3 °C
Solid Paraffin	Pass	BP 2022	Pass

Paraffin oil, also known as mineral oil or liquid paraffin, is a **highly refined petroleum derivative** composed mainly of saturated aliphatic and cyclic hydrocarbons. It is **clear, colorless, odorless, and tasteless**, making it suitable for a wide range of industrial and commercial applications. The oil is chemically inert, non-comedogenic, and resistant to oxidation, ensuring stability during storage and usage.

Key Characteristics

- High purity with consistent quality
- Chemically and biologically stable
- Non-toxic, non-irritating, and safe for sensitive applications
- Excellent lubricating and moisture barrier properties

Applications

- **Pharmaceutical and Cosmetic:** Used in creams, lotions, ointments, baby oils, and other personal care formulations due to its inert and skin-friendly nature.
- **Food and Packaging:** Applied as a lubricant in food processing equipment and in moisture-resistant coatings for packaging materials.
- **Industrial:** Serves as a lubricant, plasticizer, and base oil in textile, rubber, and polymer processing.
- **Agricultural:** Utilized as a carrier for pesticides and other agrochemicals.

Packaging Options

- 180 kg steel drums
- Flexitanks or ISO tanks for bulk shipments
- Custom packaging available on request