



WHITE OIL

HIGHLY REFINED WHITE MINERAL OILS

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White Oils are highly refined white mineral oils, which are designed for use in various industrial products and applications.

In service **White Oils** offer the following benefits:

- ◆ Water-white colour
- ◆ Non-staining
- ◆ Odour free
- ◆ Non reactive
- ◆ Low aromatic contents
- ◆ Suitable for direct and indirect food contact applications
- ◆ Stabilized with Vitamin E, does not promote Bacterial Growth

Product Applications

White Oils can be used in a variety of specialty applications where a high degree of purity and chemical stability is required; this includes pharmaceutical and drug formulations, cosmetics, food processing and packaging, plastics and chemical manufacturing, and textile production.

Examples of direct food contact include the use of this oil as a release agent in the baking and processing of bread products, as a coating on fruits and eggs to retard moisture loss and to inhibit oxidation, and as a rust-preventive coating on food processing dies and extruder heads.

Examples of indirect food contact include the use as a paper and paperboard coating, as a plasticizer for polymeric coatings used in food packaging, and as a machinery lubricant in food processing applications. In the manufacture of animal feeds, it is frequently used as a coating to reduce dust formation, to lubricate the dies used in feed pelletizing, and to improve the moisture resistance of the pellets and mineral supplements.

Product Recommendations and Approvals

White Oils meet the rigid standards of the U.S. Pharmacopoeia (USP) and NF as well as FDA regulations for direct food contact 21 CFR 172.878 and 178.3620 (a).

Product Maintenance and Handling

White Oils are manufactured from highly refined paraffinic basestocks. As with all petroleum products, good personal hygiene and careful handling should always be practiced. Avoid prolonged contact with the skin, splashing into the eyes, ingestion, or vapour inhalation. Please refer to the Material Safety Data Sheet for further information.

Note: These products are NOT controlled under the Canadian WHMIS legislation.

Typical Properties

White Oil Grade	70	200	350
Viscosity SUS @ 100°F	70	210	350
Density, 15°C, kg/m ³	862	876	885
Pour Point, °C	-19	-12	-12
Flash Point, °C	185	200	221
Kinematic Viscosity, cSt @ 40°C	10.8 – 13.6	39.3 – 41.5	64.5 – 71.0

The typical properties shown above are representative of current production. Some are controlled by manufacturing and performance specifications while others are not. All may vary within modest ranges.