



White Oil Pharma

High performance pharmaceutical white oil

Product Data Sheet

Product description

White Oil Pharma is a high performance premium quality, colourless, odourless, tasteless white oil. White Oil Pharma contains a food-grade inhibitor and meets the purity standards and requirements of international and national authorities for pharmaceutical white oils.

Customer benefits

- Complies with US Food and Drug Administration (FDA) and major national Pharmacopeia requirements
- Meets the standards of purity required for medicinal and cosmetic applications and for ingestion by humans and animals
- Formulated for use in food processing and packaging operations
- US FDA-approved inhibitor offers oxidation stability and resistance to the formation of gum, sludge and corrosive acidic by-products
- Highly refined white oil formulation promotes high performance lubricity and reliable wear protection
- Good miscibility performance aids easy mixing with other petroleum oils, many animal or vegetable fats or oils, and waxes
- US FDA-approved inhibitor offers resistance to oxidation, in-service oil breakdown and oil darkening in storage

Applications

Medicinal and cosmetic applications:

- Manufacture of ointments, complexion creams, hair care products, laxatives, baby oils, and as a carrier for the preparation of curative drugs

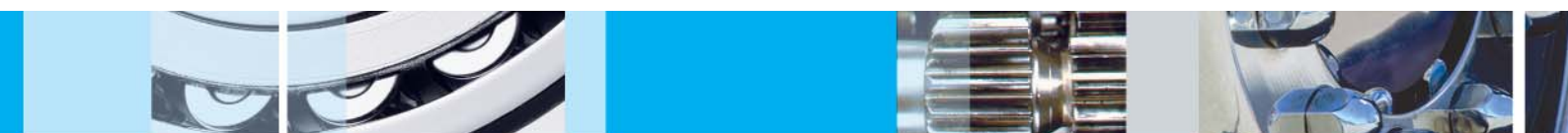
Product highlights:

- Complies with US FDA and national Pharmacopeia requirements
- Medicinal, cosmetic, human and animal ingestion applications
- For use in food processing and packaging
- Resistance to gum, sludge and corrosive acidic by-product formation
- Reliable wear protection
- Selected specification standards include:
 - British Pharmacopoeia
 - US National Formulary
 - US Pharmacopeia
 - US FDA

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Food processing and packaging operations where oil used as a processing aid may be included in food or food packaging material, or direct contact between the oil and food or packaging materials may occur:

- Egg processing, meat and fish packaging, fruit and vegetable processing, dairy industry, brewing and bottling, food canning, sugar refining, and the manufacture of paper intended for food packaging
- Hydraulic fluid, or bearing and gear lubricants
- Compressors handling air or gases (except oxygen), or carbon dioxide for carbonated beverages
- Rust preventive for vats, tanks and machinery

General industry applications:

- Plasticiser for hydrocarbon resins, process oil where extremely low sulphur content is required, textile industry lubricant, organic synthesis, animal husbandry
- Compressors in refrigeration systems handling methyl chloride or sulphur dioxide
- Not recommended for use in breathing air compressors

Approvals, performance and recommendations

Performance

- US FDA 21 CFR 178.3620(a), 21 CFR 172.878
- US Pharmacopeia (USP)
- US National Formulary (NF)
- British Pharmacopoeia (BP)



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continued

Typical test data

WHITE OIL PHARMA TEST	TEST METHODS	RESULTS	
Viscosity Grade		15	68
Product Code		540610	540614
Colour Saybolt	ASTM D156	+30	+30
Density at 25 °C, kg/l	ASTM D1298	0.850	0.880
Flash Point, PMCC, °C	ASTM D93	188	230
Kinematic viscosity at 40 °C, mm ² /s	ASTM D445	15.0	68.0

The information given in the typical data does not constitute a specification but is an indication based on current production and can be affected by allowable production tolerances. The right to make modifications is reserved. This supersedes all previous editions and information contained in them.

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Health, safety, storage and environmental Based on current available information, this product is not expected to produce adverse effects on health when used for the intended application and in accordance with the recommendations provided in the Material Safety Data Sheet (MSDS). MSDS's are available upon request through your local sales office, or via the Internet. This product should not be used for purposes other than its intended use. When disposing of used product, take care to protect the environment and follow local legislation.

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