

Product Data Sheet

Mobil Whiterex 400 Oils Food Machine Oils

Product Description

Mobil Whiterex 400 Oils are technical white oils suitable for lubricating machinery processing food and liquids for human consumption, where incidental contact may occur between the lubricant and the material in process. They are bland products having viscosities in the ISO VG 15 and 32 categories and are branded Whiterex 408 and 414 respectively.

Mobil Whiterex 400 Oils are made from highly refined white oils to USP and British Pharmacopoeia quality. They conform with the requirement of Statutory Instruments 1073 of 1966 and 1927 of 1978, the US FDA Regulations and British Pharmacopoeia standards.

Benefits

Mobil Whiterex 400 Oils offer the following benefits:

- Suitable for use in all conventional dispensing equipment
- Protection against rust and corrosion in mild acid and alkaline environments
- Wide range of operating temperatures from -12°C to 60°C

Applications

Mobil Whiterex 400 Oils are recommended for the lubrication of machinery handling and processing food and liquids for human consumption. This includes automatic ovens, dough machinery, cutting and slicing equipment, confectionery pans, conveyors, liquid processing pumps, mechanical saws in abattoirs - as well as plant involved in food and confectionery wrapping and incidental processing such as rice polishing and the treatment of dried fruits to prevent sugar crystallisation.

Whiterex 408 is primarily recommended for air line lubricators providing lubrication for mechanical handling equipment used in a wide variety of applications from carcass hoists to confectionery boxing plant.

Whiterex 414 is primarily recommended as a hydraulic medium in systems utilising gear, piston and rotary type pumps and motors. It is also suitable for lightly loaded high speed bearings.

Dedicated storage and dispensing arrangements must be made for these products.

Properties

Whiterex 400 Oils are tasteless, odourless white oils made from highly refined base products meeting Statutory Instrument 1073 "The Mineral Hydrocarbons in Food Regulations 1966" - and Statutory Instrument 1927 "Materials and Articles in Contact with Food Regulations 1978".

Health and Safety

Based on available toxicological information, it has been determined that this product poses no significant health risk when used and handled properly.

Details on handling, as well as health and safety information, can be found in the Material Safety Data Bulletin which can be obtained through Mobil Oil Company Ltd., by telephoning 01372 22 2000.

Typical physical characteristics are given in the table. These are intended as a guide to industry and are not necessarily manufacturing or marketing specifications.

Product Characteristics

Mobil Whiterex	408	414
ISO Viscosity Grade	15	32
Relative Density 15/4 °C	0.860	0.879
Viscosity, cSt at 40°C	15	30
Pour Point, °C max.	-12	-12
Flash Point, PMCC, °C	150	160

Due to continual product research and development, the information contained herein is subject to change without notice

Mobil Oil Company Limited
Acting as Agent for Mobil Lubricants UK Limited
ExxonMobil House, Ermyn Way
Leatherhead, Surrey, KT22 8UX
Telephone: 01372 22 2000

