# Mobil Vactra Named and Double Lettered Series

Mobil Industrial , Egypt

General Purpose Machine Oils

## Product Description

Mobil Vactra Oil Named and Double Lettered Series oils are formulated from selected chemically stable base oils. Mild antiwear and improved film-strength additives enable these oils to adhere strongly to metal surfaces and provide protection against welding and scoring under thin-film conditions. An effective inhibitor prevents rust and corrosion. All seven grades contain a pour point depressant which lowers the minimum temperature at which they may be used.

## Features and Benefits

- Excellent wear protection under boundary lubrication conditions
- Good rust and corrosion protection
- Multipurpose, multiservice capability
- Economical operation
- Wide acceptance by machinery builders
- Non-zinc additive technology

## Applications

Mobil Vactra Oil Named and Double Lettered Series are formulated for enclosed gears and bearings in industrial applications where a general-purpose oil is recommended. They provide excellent lubrication of plain and antifriction bearings. They are particularly suited for general machine tool lubrication or other industrial applications where the lubricant is applied intermittently.Mobil Vactra Oil Named and Double Lettered Series oils also are recommended for moderate-duty circulation and hydraulic systems where high leakage rates necessitate frequent make-up or where contamination requires frequent change-outs. In such service, these oils offer an economic advantage over premium-quality turbine and circulating

oils.Mobil Vactra Oil Named and Double Lettered Series products should not be used where bulk oil temperatures exceed 66 °C (150 °F) or where the oil is expected to remain in service for indefinite periods.

## Typical Properties

| Mobil Vactra Oil | Test Method | Unit | ExtraHeavy | BB | HH |
|---|---|---|---|---|---|
| CMCS Code | | | 970223 | 970752 | 970630 |
| Appearance | Visual | none | Clear and Bright | Clear and Bright | Clear and Bright |
| Viscosity @ 40 °C | ASTM D445 | cSt | 150 | 220 | 460 |
| Viscosity @ 100 °C | ASTM D445 | cSt | 14.6 | 20.03 | 29.37 |
| Density @ 15 °C | ASTM D 4052 | kg/L | 0.8916 | 0.8963 | 0.9019 |
| Total Acid Number | ASTM D 974 | mgKOH/g | 0.06 | 0.06 | 0.06 |
| Rust Characteristics Proc A | ASTM D 665 | none | Pass | Pass | Pass |
| Rust Characteristics Proc B | ASTM D 665 | none | Pass | Pass | Pass |
| Copper Strip Corrosion, 3 h @ 100°C | ASTM D 130 | none | 1A | 1A | 1A |
| Emulsion | ASTM D 1401 | min/ml/° C | 35/3/82 | 50/3/82 | 60/3/82 |
| Foam Seq. I (Tend. /Stab.) | ASTM D892 | ml/ml | 0/0 | 0/0 | 20/0 |

| | | | | | |
|---|---|---|---|---|---|
| Flash Point | ASTM D92 | °C | 230 | 250 | 270 |
| Pour Point | ASTM D97 | °C | -9 | -6 | -6 |

## Health and Safety

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

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09-2019
ExxonMobil Egypt (S.A.E.)
1097 Cornish El-Nil, Garden City, Cairo, Egypt

You can always contact our Technical Help Desk engineers on Mobil lubricants and services related questions: https://www.global.mobil.com/en/contact-us

+ 20 2 795 4850/60
http://www.exxonmobil.com

Typical Properties are typical of those obtained with normal production tolerance and do not constitute a specification. Variations that do not affect product performance are to be expected during normal manufacture and at different blending locations. The information contained herein is subject to change without notice. All products may not be available locally. For more information, contact your local ExxonMobil contact or visit www.exxonmobil.com
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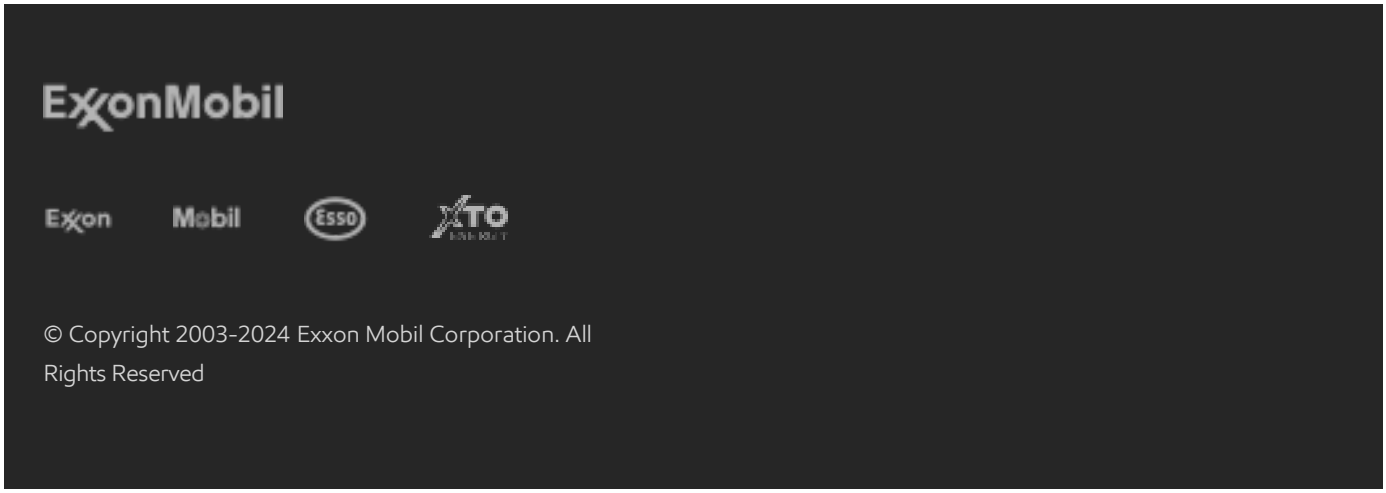


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