



## Millcot™ K Series

Mobil Industrial , Canada

Adhesive Anti-Spattering Oils

### Product Description

The Millcot™ K Series oils consist of three tacky, general purpose oils designed for use on a wide range of textile machinery. The Millcot K oils are also suitable for a wide range of hand oiled, drip feed oiled, once through systems and automatic system applications on many other types of machinery and equipment.

In the lumber industry, Millcot K oils are ideal for applications such as chains and hand oiled bearings in sawmills and lead screws on plywood veneer lathes.

Millcot K oils are available as Millcot K 68, Millcot K 100 and Millcot K 220 representing SAE 20, SAE 30 and SAE 50.

### Features and Benefits

Millcot oils are fortified with a rust inhibitor. An adhesive additive enables the Millcot oils to cling to rapidly moving parts, thus reducing spattering and consumption. The Millcot oils have good oxidation stability, which prevents gummy deposits from forming. They also contain an anti-wear additive to reduce wear on moving parts.

The Millcot K oils offer the following benefits:

- Long Oil Life
- Anti-spattering for textile and office machinery
- Antiwear and rust inhibiting properties

### Applications

Millcot K 68 oil is a very versatile product for use on a wide variety of textile machinery such as carding machines, looms, and spinning machine parts other than spindles. Millcot K 100 is a product suitable for heavily loaded applications such as comb boxes, cams, bearings and sliding surfaces on many types of textile production machinery.

Millcot K 220 can replace Millcot K 68 or K 100 under high ambient operating conditions or where loads, speeds, wear and leakage factors favor an SAE 50 viscosity. Millcot K 100 and Millcot K 220 are also very suitable for many semi-enclosed gear applications on textile machinery.

Millcot K 100 is used on overhead conveyor or equipment at airport terminals where dripping oil would soil freight or baggage. Intermittently lubricated equipment, such as packaging machinery or printing presses, should be lubricated by a Millcot K grade of oil.

### Typical Properties

	K68	K100	K220
Density @ 15°C, kg/m <sup>3</sup>	893	896	898
Flash, °C	196	202	238
Kinematic Viscosity			
- cSt @ 40°C	65.4	105	209
- cSt @ 100°C	8.1	11.1	17.3
Pour Point, °C	-24	-12	-3
SAE Grade * (*approximate)	20	30	50

	K68	K100	K220
Color, ASTM	2	2.5	4.5
4-Ball Wear scar, mm with 40kg load	0.40	0.40	0.40

## 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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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](http://www.exxonmobil.com)

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