



Mobil Velocite HP

Knitting Machine Oils

Product Description

The Mobil Velocite HP series are premium quality mineral oils designed with highly specialised additives to meet the needs of the knitting machines. They are available in five viscosity grades, Mobil Velocite HP 22 (ISO VG 22), Mobil Velocite HP 24, Mobil Velocite HP 32 (ISO VG 32), Mobil Velocite HP 46 (ISO VG 46) and Mobil Velocite HP 68 (ISO VG 68). These formulated oils are ideal for the lubricating of needles, sinkers and cam mechanisms of circular knitting machines and hosiery machines.

Features and Benefits

Mobil Velocite HP oils have a high thermal stability and will remain water white when exposed to heat over a period of time. Mobil Velocite HP oils have very good anti-wear properties to protect the needles against wear and assure their long life. Mobil Velocite HP oils also protect all lubricated parts against rust.

If the lubricant is applied by a mist lubrication system, Mobil Velocite HP is formulated to minimise stray mists at the point of application.

The following features of Mobil Velocite HP knitting machine oils can provide these benefits:

- Excellent lubrication and protection of moving parts, helping to reduce downtime and energy loss
- Excellent oxidation stability and anti-wear properties retards deterioration, promoting extended oil life
- Enhanced colour stability ensures product minimises fabric staining
- Good washability due to its high emulsibility with water helping to reduce cost of manufacture
- Reduced probability of stray mist when applied by a mist lubrication system at the point of application

Applications

- Mist lubrication system
- Oiler to the needles, sinkers and cams, jacks of circular knitting and hosiery machines.

Typical Properties

Mobil Velocite HP	22	24	32	46	68
ISO Viscosity Grade	22	24	32	46	68
Color, Saybolt	+28	+28	+28	+28	+28
Density @15C, ASTM D 4052, kg/L	0.855	0.864	0.863	0.863	0.867
Kinematic Viscosity					
@ 40C	22.9	25	32	46	66
Pour Point, C, D2270	-9	-9	-9	-9	-9
Flash Point C, ASTM D92	200	212	218	238	246
Appearance	Clear, Water White	Clear, Water White	Clear, Water White	Clear, Water White	Clear, Water White
Rust Prevention 24 hour test	Pass	Pass	Pass	Pass	Pass

Health and Safety

Based on available information, this product is not expected to produce 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 on (insert Internet address). 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

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