

# Michem® Lube 156 PFP

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**BRAND FAMILY OVERVIEW** Michem® Lube is a versatile family of nanoscale wax emulsions, mostly carnauba and paraffin-based, used to improve processing and performance in many industries, as well as provide a wide array of surface properties.

**USAGE** Used as an additive in polish (specifically car polish), cosmetics, paints, coatings and graphic arts to increase scratch resistance, lubrication, release and anti-block properties. It can also be used in coatings for OPP films.

**DESCRIPTION** Nonionic carnauba wax emulsion

**PERFORMANCE ATTRIBUTES** This product is used in many applications including the following:

Market	Properties Imparted
Automotive Care	<i>block resistance, buffability, gloss enhancement, lubricity, mar resistance, release, rub resistance, scratch resistance, spray wax</i>
Functional Coatings	<i>block resistance, release, rub resistance, scratch resistance</i>
Furniture Polish	<i>block resistance, buffability, mar resistance</i>
Gloves	<i>block resistance</i>
Industrial Wood & Plastic	<i>block resistance, buffability, lubricity, mar resistance, release, rub resistance, scratch resistance</i>
Interior Furniture & Floor	<i>block resistance, buffability, mar resistance, release, rub resistance, scratch resistance</i>
Overprint Varnishes	<i>block resistance, chemical resistance, release, rub resistance, scratch resistance</i>
Textiles & Leather	<i>block resistance, release, rub resistance, scratch resistance</i>
Thermal Transfer	<i>mar resistance, release</i>

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<b>PHYSICAL PROPERTIES</b>	The following properties are typical but should not be considered specifications:	
Appearance:	Cream colored, opaque liquid	
Freeze/Thaw Stability:	Stable after 5 Cycles	
Non-Volatile (%) :	24.5 - 25.5	
Specific Gravity:	0.98 - 1.01	
pH:	4.5 - 7.5	
Recommended pH of your system:	1.0 - 12.0	
Brookfield Viscosity (cps) :	< 15	
Spindle Number:	1	
RPM:	60	
Shelf Life (months) :	The product has a shelf life of 12 months from date of manufacture when storage and handling instructions are followed.	

**SITE OF MANUFACTURE (and PRODUCT CODE)** USA (ML156PFP), Belgium (ML156PFP.E), Singapore (ML156PFP.S)

**STORAGE** Keep containers tightly closed in a dry, cool and well-ventilated place. Keep from freezing.

**HANDLING** Avoid contact with eyes. Avoid contact with eyes, skin and clothing. Ensure adequate ventilation. Handle in accordance with good industrial hygiene and safety practice. Use personal protective equipment as required.

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- The following information for this product, specific to each site of manufacture, is available upon request:
- Material Safety Data Sheets in various formats and languages (includes global chemical inventory listing)
  - Food Contact Declaration of Compliance (if applicable)

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