



## SUPRACO MPL 680

Standard gears and differentials

Mineral base lubricant

### DESCRIPTION

**SUPRACO MPL 680** is an extreme-pressure lubricant for all kinds of highly stressed gear drives except hypoid gears.

### APPLICATIONS

Extreme-pressure lubricant for all types of highly stressed gear drives. Lubrication of gear drives, reducers (except hypoid gears), worm gears, bearings and heavy loaded parts of machinery.

**SUPRACO MPL 680** meets the requirements of strictest specifications for industrial gear lubricants:

- AIST 224
- AGMA 9005-F16 (AS)
- ISO 12925-1, CKD - 2002
- David Brown S1.53.101 (E)
- strong FAG FE-8 performance

### ADVANTAGES

- Very high extreme-pressure and anti-wear properties
- Very high resistance to oxidation
- Non-corrosive lubricant for non-ferrous metals, particularly bronze alloy
- Excellent water demulsibility
- Zinc-free

**TECHNICAL INFORMATION**

TECHNICAL CHARACTERISTICS	UNITS	METHOD	SUPRACO MPL 680
Base oil	-		
Color	-	ASTM D1500	8
Density	-	ISO 12185	0,913
Viscosity at 40°C	mm <sup>2</sup> /s	ASTM D445	680.0
Viscosity at 100°C	mm <sup>2</sup> /s	ASTM D445	35.2
Viscosity index	-	ASTM D2270	87.0
Flash point	°C	ASTM D92	234.0
Pour point	°C	ASTM D97	-9.0
Copper corrosion	-	NFT M 07105	1b
4 Ball test - Wear scar	mm	ISO 20623	0,36
Foaming Seq I, II, III	mL/mL	NF T 60 129	0/0-0/0-0/0

These characteristics are given only for information and can be updated over time.

**SERVICES AND EQUIPMENT**

In addition to its product ranges, MotulTech can provide tools and services for the maintenance and monitoring of your lubricants. Please contact your technical sales representative for more information.

**Important Notice**

All information and rules about health, safety and the environment are mentioned on the safety data sheet. It provides information about risks, safety procedures and first aid emergency rules. It clarifies all procedures to implement in the case of an accidental spillage, and for the disposal of the product and its effects on the environment. The safety data sheet is available on [www.motul.com](http://www.motul.com).

Our product contains natural additives which are likely to modify the colour of the concentrates without altering its performance. The specifications of our products are definite only at the time of order, and are subject to our general sale and guarantee conditions. To give our customers the latest technical developments, the general characteristics of our products may vary.