



## MOTULTECH BAR SY 100

Synthetic Compressor oils

### DESCRIPTION

**BAR SY 100** is a fully-synthetic high performance oil with a high Viscosity Index for rotating and reciprocating air compressors for extended oil change intervals.

### APPLICATIONS

**BAR SY 100** is particularly effective for compressors operating under extreme climatic conditions, harsh environments and other severe operating environments.

**BAR SY 100** can be use on the large range of temperatures, thanks to their high viscosity index. Their thermal and oxidation stability provide increased drain oil interval for reduced maintenance costs. Their very low volatility allows the reduction of lubricant consumption.

**BAR SY 100** meets the following requirements:

- DIN 51506 - VCL & VDL

Recommended drain oil interval: 8,000 hours.

### ADVANTAGES

- Reduces varnish and lacquer deposits.
- Excellent wear and corrosion protection
- Very long drain intervals for reduced compressor maintenance.
- Reduces maintenance costs
- High viscosity index
- Very low volatility for lower oil consumption.
- High oxidation resistance

**TECHNICAL INFORMATION**

TECHNICAL CHARACTERISTICS	UNITS	METHOD	BAR SY 100
Aspect	-		Clear
Color	-	ASTM D1500	0,5
Density	-	ISO 12185	0,865
Viscosity at 40°C	cST	ASTM D445	101.4
Viscosity at 100°C	cST	ASTM D445	12.5
Viscosity index	-	ASTM D2270	116.7
Flash point	°C	ASTM D92	252.0
Pour point	°C	ASTM D97	-27.0
Copper corrosion	-	ISO 2160	1b
4 Ball test - Wear scar	mm	ISO 20623	0,5
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.