

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

Information disclosed in this technical data sheet is based on MOTUL's experience and know-how in the development and manufacture of lubricants and other chemical products according to the current state of knowledge.

Any chemical product must be used in the intended application and in accordance with the recommendations provided in its safety data sheet freely consultable via the site <https://www.quickfds.com/fr/>. The performance of our products may be influenced by a series of factors, including conditions of use, application methods, operational environment, pretreatment of components, possible external contamination, etc ... For these reasons, universal recommendation of our products is impossible. The information in the technical data sheet represents general, non-binding guidelines and is given for guidance only. No express or implied warranty is given regarding the properties of the product or its suitability for a given application.

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