

## SUPRABAR SY 46

Synthetic compressor oil

### DESCRIPTION

**SUPRABAR SY 46** is fully synthetic oil for modern air compressors operating under severe conditions and that require extended oil change intervals. Its high viscosity index allows operations in a large range of temperature.

### APPLICATIONS

**SUPRABAR SY 46** is designed to deliver high performance lubrication of reciprocating and rotary air compressors. It is particularly effective for installations operating under extreme climatic conditions, harsh environments and other severe operating environments.

**SUPRABAR SY 46** meets the following requirements:

- DIN 51506 - VBL, VCL, VDL
- ISO / DP 6521 - DAA, DAB, DAH, DAG

Recommended drain oil interval: max 10,000 hours.

### ADVANTAGES

- Excellent anti-wear performance.
- High viscosity index.
- Excellent protection against corrosion, varnish and lacquer deposits.
- Increased draining intervals, up to 10,000 hrs.

**TECHNICAL INFORMATION**

TECHNICAL CHARACTERISTICS	UNITS	METHOD	SUPRABAR SY 46
Aspect	-		Clear
Color	-	ASTM D1500	0,5
Density	-	ISO 12185	0,828
Viscosity at 40°C	cST	ASTM D445	44.4
Viscosity at 100°C	cST	ASTM D445	7.7
Viscosity index	-	ASTM D2270	148.0
Flash point	°C	ASTM D92	272.0
Pour point	°C	ASTM D97	-36.0
Copper corrosion	-	ISO 2160	1a
4 Ball test - Weld load	kg	ASTM D2783	126
4 Ball test - Wear scar	mm	ASTM D2783	0,66
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.

Therefore, we recommend consulting an application engineer to discuss application conditions and product performance criteria before use. It is the user's responsibility to test the functional suitability of the product and to use it under appropriate safety conditions. Our products are subject to continuous improvement with the aim of improving performance or bringing them into compliance with any new and possible regulations concerning them. We reserve the right to change our product lines, our products and their manufacturing processes and any provisions of our publications at any time without notice. This technical sheet cancels and replaces all previous editions.

We expressly draw the attention of any user to the fact that our product has not been designed and tested for use in the field of aeronautics as an "onboard" product or in the field of nuclear power production. Any use that may be made of the product in one of the aforementioned sectors will be under the exclusive responsibility of the user. Any reproduction, whatever its form, requires the prior written consent of MOTUL. All rights reserved.