



MOTULTECH COMPRESSOR FG 46

Synthetic Compressor oils

DESCRIPTION

COMPRESSOR FG 46 is a synthetic oil for lubrication of air, CO₂ and inert gas compressors used in the food processing, cosmetic and pharmaceutical industries.

APPLICATIONS

Lubrication of reciprocating compressors as well as vacuum pumps.

COMPRESSOR FG 46 meets the specifications:

- DIN 51506 VDL
- Pneurop DIN 51352

COMPRESSOR FG 46 is NSF H1 certified. Registration number 139810.

COMPRESSOR FG 46 meets the FDA - 21 CFR 178.3570 specifications and can be used in mechanical systems where a direct contact with the lubricant cannot be avoided.

ADVANTAGES

- Low volatility.
- High EP and anti-wear performance.
- Excellent corrosion protection.
- Excellent demulsibility.
- Low residue tendency.
- Excellent anti-foam properties.
- Excellent deaeration properties.

TECHNICAL INFORMATION

TECHNICAL CHARACTERISTICS	UNITS	METHOD	COMPRESSOR FG 46
Aspect	-		Clear
Density	-	ISO 12185	832.0
Viscosity at 40°C	cST	ISO 3104	46.0
Viscosity at 100°C	cST	ISO 3104	8.5
Viscosity index	-	ASTM D2270	130.0
Flash point	°C	ASTM D92	240.0
Pour point	°C	ASTM D97	-30.0
4 Ball test - Wear scar	mm	ASTM D2783	0,35
Foaming Seq I, II, III	mL/mL	NF T 60 129	0/0-20/0-0/0

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.

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