

## BAR SY 46

High Performance Compressor Oil

### DESCRIPTION

**BAR SY 46** 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 46** is particularly effective for compressors operating under extreme climatic conditions, harsh environments and other severe operating environments.

**BAR SY 46** can be used 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 46** meets the following requirements:

– DIN 51506 - VCL & VDL

Recommended drain oil interval: 8,000 hours.

### ADVANTAGES

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

### TECHNICAL INFORMATION

NAME	UNITS	METHOD	BAR SY 46
Density at 20°C (68°F)	g/mL	ISO 12.185	0.858
Viscosity at 40°C (104°F)	mm <sup>2</sup> /s	ASTM D445	46.0
Viscosity at 100°C (212°F)	mm <sup>2</sup> /s	ASTM D445	7.5
Viscosity Index	-		128.0
Flash point	°C	ASTM D92	238.0
Pour point	°C	ASTM D97	-36.0
4 Ball test - Wear scar	mm	ISO 20.623	0.39
Foam, Seq I, II, III	ml/ml	NFT 60 129	0/0-0/0-0/0
Copper Strip Corrosion	-	ISO 2160	1B
Oxidation stability.	min	RBOT IP 229	1744

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.