

BAR SY

Semi-synthetic Compressor Oils

DESCRIPTION

BAR SY are semi-synthetic High Performance oils with a high Viscosity Index for rotating and reciprocating air compressors for extended oil change intervals.

RECOMMENDED APPLICATIONS

BAR SY compressor oils are particularly effective for compressors operating under extreme climatic conditions, harsh environments and other severe operating environments.

SPECIFICATIONS / APPROVALS

BAR SY meets the following requirements :

- DIN 51506 - VCL and VDL

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 INFORMATIONS

CHARACTERISTICS	Standards	BAR SY 46	BAR SY 68	BAR SY 100	UNIT
Density at 20 °C	ISO 12185	0.858	0.861	0.865	
Kinematic viscosity at 40 °C	ASTM D445	46	68	101	cSt
Kinematic viscosity at 100 °C	ASTM D445	7.5	10	12.5	cSt
Viscosity index		128	124	117	
Pour point	ASTM D97	-36	-33	-27	°C
Flash point	ASTM D92	238	250	252	°C
FZG Scuffing Test		11 pass	12 pass	12 pass	
Copper corrosion	NF EN ISO 2160	1B	1B	1B	
4 Ball Wear Test (1h at 40kg)	ISO 20623	1.59*	0.48*	0.5*	mm
Foam Test (Seq I, II, III)	NF T 60 129	0/0-0/0-0/0			
Oxidation Stability	RBOT IP 229	1744	2066	2008	min

The specifications are given for information purposes only and may need to change.