Lubricants for industry.

Compressor ARS

Synthetic lubricant based on high viscosity polyolefins for use in air or inert gas compressors.

Use

- Fully synthetic product, formulated with polyolefins and state-of-the-art additives, allowing for use in a wide range of temperatures, improving safety and service life compared to mineral oils.
- Specially developed to meet the most stringent specifications of rotary vane air compressor manufacturers, as well as screw and reciprocating piston types.

Benefits

- High viscosity index and low friction coefficient. Greater range of energy use and energy saving temperatures.
- Very low pour point, which allows for great pumpability at low temperatures.
- Excellent thermal stability. Prevents the formation of coal and varnish deposits.
- Low volatility. Lower oil consumption
- Excellent corrosion and rust protection.
- Compatibility with seals, gaskets, and polycarbonate filters.
- Compatibility with all types of paints.

Specifications

- DIN 51506 VCL and VDL
- ISO 6743/3 DAB & DAJ

Physical and chemical properties

Parameter	Units	Method	Compressor ARS		
ISO Grade	-	-	**46**	**68**	**100**
Density at 15°C	Kg/l	ASTM D-4052	0.833	0.836	0.839
Flash Point, COC	°C	ASTM D-92	230	220	230
Pour Point	°C	ASTM D-5950	-42	-51	-42
Viscosity at 40°C	cSt	ASTM D-445	45.5	67.9	100.1
Viscosity at 100°C	cSt	ASTM D-445	7.75	10.6	14.2
Viscosity Index	-	ASTM D-2270	140	144	145
Sulfated Ash	% Weight	ASTM D-874	0.032	0.027	0.046
Acid No. (TAN)	mg KOH/g	ASTM D-664	0.15	0.13	0.12
CRC oxidation test	%	DIN 51352 Part 2	0.03	0.03	0.03

Health & safety and environment

A Material Safety Data Sheet providing information on product hazards, handling precautions, first aid measures, and relevant environmental data is available for this product as per applicable legislation.

The typical values of the characteristics appearing in the table are average values given for guidance purposes only and do not constitute a guarantee. These values may be modified without any prior warning.