Lubricants for industry.

ARS Compressor

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	ARS Compressor		
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.