

Lubricants for industry.

## ES 100 Compressor



Di-Ester-based synthetic lubricant, specifically recommended for reciprocating air compressors used in industrial, marine and mobile applications.

### Use

- Product recommended for high-pressure reciprocating air compressors, vacuum pumps, and equipment where the manufacturer recommends an ISO 100 viscosity grade.
- Specially developed to meet the most stringent specifications of reciprocating air compressor manufacturers, operating in extreme conditions with discharge temperatures up to 250°C, discharge pressure up to 200 bar, and start-up temperatures of -20°C.

### Benefits

- Its synthetic formulation helps to keep compressors cleaner, reducing deposit formation in valves, improving equipment performance and allowing for longer change intervals, resulting in savings in maintenance costs.
- Excellent resistance to oxidation and thermal degradation under severe operating conditions, extending the service life of the oil.
- Low residue, ash and charcoal formation.
- Excellent protection against rust and wear with a high capacity to withstand loads, reducing the wear of compressor cylinders, rings and bearings.

### Specifications

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

### Physical and chemical properties

Parameter	Units	Method	ES 100 Compressor
ISO Grade	-	-	100
Density 15°C	Kg/l	ASTM D-4052	0.960
Flash Point, COC	°C	ASTM D-92	278
Pour Point	°C	ASTM D-5950	-30
Viscosity at 40°C	cSt	ASTM D-445	113
Viscosity at 100°C	cSt	ASTM D-445	12
Viscosity Index	-	ASTM D-2270	90
Foam (Sequence 1)	ml/ml	ISO 6247	0/0
Acid No. (TAN)	mg KOH/g	ASTM D-664	0.2
CRC oxidation test	%	DIN 51352 Part 2	0.57
Wear Test 4-balls, d. tread	mm	ASTM D-4172	0.97

### 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.