



Research & Development

PRODUCT DATA SHEET

AXCL Synthetic Compressor Oil

Description

AXCL Synthetic Air Compressor Oils are formulated using the finest polyalphaolefin (PAO) base stocks. It imparts excellent resistance to oxidation demanded by the sophisticated air systems manufactured today. AXCL Synthetic Air Compressor Oils provide outstanding high temperature stability, longer drain intervals and clean operation of equipment. Also suitable in a wide variety of applications where H-1 rated products are required. This includes wire ropes, slide ways and chains. Capable of sustaining a maximum continuous operating temperature of approximately 400°F (200°C).

Performance Level

DIN 51524, part 1 (HL); DIN 51517, part 2 (CL); AFNOR NF E 48-603 (HL); Cincinnati-Machine P-38 (HL-32), P- 55 (HL-46), P- 54 (HL-68), P-57 (HL-150), P-62 (FC-10)

DIN 51515, part 1 (L-TD), part 2 (L-TG); ISO 8068; Siemens TLV 9013 04/01; British Standard BS 489; General Electric GEK 32568 F; MIL-L-17672 D; CEGB Standard 207001; Brown Boveri HTGD 90117; U.S. Steel 120; Westinghouse Electric Corp. Turbine Oil Spec.; Solar ES 9-224; Alstom HTGD 90117 V0001 S - for compressor oils according to: DIN 51506 (VBL, VCL, VDL); ISO / DP 6521 (DAA, DAB, DAH, DAG)

Benefits and Advantages

Reduced maintenance costs & Consumption.

Good water separation characteristics.

Low deposit formation, increasing Oil change intervals & Air filter life.

High Anti wear, Thermal & oxidation stability

Specification & Parameter

#	Test	Method	Result		
1.	Viscosity Grade	ISO	32	46	68
2.	Color	ASTM D 1500	L 1.5	L 1.5	L1.5
3.	Kin. Viscosity @ 40 °C, cSt	ASTM D 445	32.0	46.0	68.0
4.	Kin. Viscosity @ 100 °C, cSt	ASTM D 445	5.96	7.72	10.44
5.	Density @ 15 °C	ASTM D 1298	0.84	0.85	0.86
6.	Viscosity Index	ASTM D 2270	134	136	141
7.	Flash Point, °C	ASTM D 92	≥ 240	≥ 240	≥ 240
8.	Pour Point, °C	ASTM D 97	≤ -45	≤ -45	≤ -45
9.	Foam Sequence I, II, III ml/ml	ASTM D 892	0/0	0/0	0/0

*Technical data provided here is for reference only. Minor variations in product typical test data are to be expected.

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