



Smart Efficiency

Parts Solution
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VISCOSITY INDEX REPORT

Parts Solutions
I N T E R A C T I V E
COMPRESSOR OIL SYSTEM

Viscosity Index ASTM D-2270

Viscosity Index indicates the degree of change in viscosity of an oil within a given temperature range. A high VI signifies a relatively small change in viscosity, whereas a low VI reflects a larger change in viscosity. Generally high a viscosity index is more desirable.

Brand / Products	Viscosity Index
I-R ULTRA COOLANT	161 HIGHER IS BETTER
SULLAIR SULLUBE 32	149
PSI-SUPERLUBE 46	141
LeROI SSL-46	131
G-D AEON 9000 SP	120
KAESER S-460	114
SULLAIR SRF 1/4000	92
I-R SSR COOLANT	61

Viscosity at 40°C ASTM D-455

This is the temperature at which an oil's viscosity is measured for ISO viscosity grading.

Brand	Product	Viscosity at 40°C
PSI - SUPERLUBE 46	SUPERLUBE 46	45.10
INGERSOLL-RAND	ULTRA COOLANT	49.35
INGERSOLL-RAND	SSR COOLANT	65.95
COMP AIR LeROI	SSL-46 PLUS	33.79***
SULLAIR	SUPERLUBE 32	39.18
SULLAIR	SULLAIR SRF 1/4000	39.09
GARDNER DENVER	AEON 9000 SP	30.03
KAESER	S-460	45.62

Note that according to the International Standards Organization, the acceptable viscosity range for an ISO-46 oil is 41.4 cSt. To 50.6 cSt. The oil noted, while marketed as ISO-46 oil, is out of range and would be classified in the ISO-32 grade.