



Product Information

www.miller-stephenson.com

TriboSys™ 216X Series Compressor Lubricant

These compressor oils substantially, and consistently, reduce friction. Field service show 5% to 15% savings in electrical consumption, which provides greater compressor reliability. They have better polar film lubricity and lower volatility than conventional oils. These features permit lower cylinder feed rates with less oil carryover into air stream, and more complete air/oil separation.

Rotary Compressors: In rotary compressor applications, these oils increase air/oil separator life indefinitely, and extend rotary oil drain intervals up to 5,000 and 8,000 hours. Their low oil volatility ratings mean less make-up oil due to evaporation.

Reciprocating Compressors: 216X Series of oils can reduce upper cylinder operating temperatures by as much as 40°F/4°C, reduce cylinder oil feed rates by as much as 40%, extend crankcase oil drain intervals by as much as 10 times, and exceed valve and part life indefinitely.

Compatibility: They are compatible with all known gasket and seal materials and are nonreactive with materials found downstream, such as polycarbonate bowls, elastomers and paints. These lubricants should be used exclusively and should not be mixed or diluted with existing product.

Typical Properties

Product	2160	2161	2162	2163	2164
ISO VG	32	46	68	100	150
SAE	10	20W	20	30	40
Viscosity					
cSt @ 40°C	32	46	68	100	150
cSt @ 100°C	6	7.8	10.5	14	18.4
SUS @ 100°F	150	214	315	464	695
SUS @ 210°F	46	52	61	74	92
Viscosity Index	135	139	142	142	135
Flash Point COC °F/°C	495/257	509/265	509/265	515/268	523/273
Autoignition °F/°C	735/390	740/393	740/393	740/393	740/393
Pour Point °F/°C	-70/-57	-65/-54	-65/-54	-50/-45	-50/-45
4 Ball Wear-1200rpm (167°F/75°C, 40 kg/1hr Scar Diameter, mm)	0.41	0.41	0.39	0.39	0.39
Evaporation Loss, % by wt. (347°F/175°C, 72 hrs)	< 3	< 3	< 2	< 2	< 2
Copper Corrosion, 24 hrs	1A	1A	1A	1A	1A
Total Acid Number	0.14	0.14	0.14	0.14	0.14
Demulsibility, 130°F/54°C ml oil/water/emulsion (mins)	40/40/0(10)	40/40/0(10)	40/40/0(10)	40/40/0(10)	40/40/0(10)

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