

WearGuard™ D-A SYN 2000 Series is specially formulated with ChemGuard™ PAO additive technology system. Under normal operating conditions you can expect extended drain cycles and experience 6,000 to 8,000 hours of use in rotary screw and rotary vane compressors.

WearGuard™ D-A SYN 2000 Series is based on a very thermally and oxidatively stable PAO (polyalphaolefin) base oil for use in a wide variety of air compressors. WearGuard™ D-A SYN 2000 Series is used where maximum seal, paint, plastic, and rubber compatibility is required.

WearGuard™ D-A SYN 2000 Series is formulated to resist varnish under high temperature applications and minimize impact from airborne contaminants.

Applications

- Rotary Screw
- Reciprocating
- Rotary Vane
- Vacuum Pumps

Characteristics

- Outstanding thermal and oxidative stability
- Compatible with most seals, plastics, rubbers
- Wide operating temperature range
- Non-detergent
- Anti-wear protection
- Compatible with most compressor oils
- High flash point means increased safety
- Extended drain intervals

Typical Properties

WearGuard™ D-A SYN 2000 Series	ASTM Method	WearGuard D-A SYN 2032	WearGuard D-A SYN 2046	WearGuard D-A SYN 2068	WearGuard D-A SYN 2100	WearGuard D-A SYN 2150
ISO Viscosity Grade	D2422	32	46	68	100	150
Viscosity, cSt, 40° C/100° C	D445	32 / 5.5	46 / 7.5	68 / 9.5	100 / 14.5	150 / 18.3
Viscosity Index	D2270	140	128	135	150	131
Pour Point, °C/°F	D97	-54 / -65	-51 / -60	-48 / -55	-45 / -50	-45 / -50
Flash Point, °C/°F	D92	221 / 430	244 / 465	241 / 465	246 / 475	260 / 500
Four Ball Wear 40kg, 1200rpm @ 75° C	D4172	0.43mm	0.43mm	0.43mm	.44mm	–
Foaming Sequences I, II, III	D892	Nil	Nil	Nil	Nil	Nil
Copper Corrosion	D130	1B	1B	1B	1B	1B
Specific Gravity	D1298	0.85	0.86	0.86	0.86	0.86



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