

WearGuard™ D-A SYN 8000i Series are fully synthetic lubricants formulated with superior polyalkylene glycol (PAG)-based oils. These premium lubricants are designed for use in compressors and vacuum pumps compressing polar gases, such as NH₃, CO₂, and propane. They are blended with D-A's advanced **ChemGuard™** additive technology and offer excellent rust resistance and are excellent in wet gas compression. The **WearGuard™ D-A SYN 8000i Series** yields a compressor service life of 8,000 – 10,000 hours under good operating conditions. This product is also recommended for Rotary Screw, Rotary Vane, Centrifugal, and Reciprocating Compressors including Vacuum Pump operations.

Characteristics

- Resists hydrocarbon washout/dilution
- Extended drain life
- Reduced sludge and deposit formation
- Excellent oxidative and thermal stability

Typical Properties

WearGuard™ D-A SYN 8000i Series	ASTM Test	WearGuard™ D-A SYN 8046i	WearGuard™ D-A SYN 8068i	WearGuard™ D-A SYN 8100i	WearGuard™ D-A SYN 8150i	WearGuard™ D-A SYN 8220i
ISO Viscosity Grade ---		46	68	100	150	220
Viscosity @ 40°C,cSt	ASTM D445	46	69	106	154	220
Viscosity @ 100°C,cSt	ASTM D445	9.4	12.9	18.9	25.7	34.5
Viscosity Index	ASTM D2270	191	193	195	195	205
Flash Point, °C/°F	ASTM D92	210/415	230/445	230/445	230/445	230/445
Pour Point, °C/°F	ASTM D97	-50/-60	-40/-40	-40/-40	-38/-36	-38/-36
FZG Load Stage	DIN-51354	11	11	11	12	n/a
Four ball wear-40Kg.,1200rpm, 1 hr@75°C, Scar Diameter, mm	ASTM D4172	0.53	0.52	0.51	0.51	n/a
Specific Gravity	ASTM D1298	0.98	0.98	0.98	0.99	0.99
Density, lb/gal 60°F	D4052	0.99	0.99	0.99	0.99	0.99

Note: this product was previously available in the D-A product line as GlyFlo.

