

WearGuard™ D-A SYN 8000s Series are a fully synthetic, high performance gear oils formulated with superior polyalkylene glycol (PAG)-based oils. This product is blended with D-A's advanced **ChemGuard™** additive technology that includes premium anti-oxidants, anti-wear, and corrosion inhibitor additives. The **WearGuard™ D-A SYN 8000s Series** is recommended for industrial worm gear lubrication. They can also function well with Rotary Screw, Rotary Vane, Centrifugal and Reciprocating Compressors, including Vacuum Pumps and Enclosed gears and bearings.

Characteristics

- Resists hydrocarbon washout/dilution
- High load carrying capacity
- Reduced sludge and deposit formation
- Excellent oxidative and thermal stability
- Low friction and less power consumption
- Good steel on steel and steel on bronze anti-wear

Typical Properties

WearGuard™ D-A SYN 8000s Series	ASTM Test	WearGuard™ D-A SYN 8150s	WearGuard™ D-A SYN 8220s	WearGuard™ D-A SYN 8320s	WearGuard™ D-A SYN 8460s	WearGuard™ D-A SYN 8680s	WearGuard™ D-A SYN 81000s
ISO Grade	ASTM D2422	150	220	320	460	680	1000
Viscosity @ 40°C,cSt	ASTM D445	150	220	340.6	460	688	1000
Viscosity @ 100°C,cSt	ASTM D445	25	38	58	71	118	167
Viscosity Index	ASTM D2270	223	225	240	253	264	274
Flash Point, °C/°F	ASTM D92	270/530	280/540	280/540	280/540	280/540	280/540
Pour Point, °C/°F	ASTM D97	-42/-44	-37/-35	-35/-29	-33/-27	-32/-26	-31/-24
FZG, load stage	DIN-51354	11	12	12	12	12	12
Rust Prevention	ASTM D665A	Pass	Pass	Pass	Pass	Pass	Pass
Specific Gravity	ASTM D1298	1.05	1.0-1.1	1.0-1.1	1.0-1.1	1.0-1.1	1.0-1.1



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