

WearGuard™

Performance Engineered Lubricants

D-A SYN 6000 Series



Product Description

WearGuard™ D-A SYN 6000 Series is full synthetic and has been formulated from premium polyalphaolefin (PAO) base fluids for enclosed gear systems requiring ashless antioxidants and anti-wear properties. These oils have been blended with D-A's advanced **ChemGuard™** additive technology and designed to provide proper lubrication under hydrodynamic and mild boundary lubrication conditions. This product is recommended for gear systems where moderate loads and high temperatures are expected, including worm gears containing soft metals such as bronze, brass and copper. **WearGuard™ D-A SYN 6000 Series** is also considered a multi-purpose lubricant that can be used in a wide variety of industrial applications.

They are similar to petroleum oils in their compatibility with seals, hoses, gaskets and paint. The **WearGuard™ D-A SYN 6000 Series** is recommended for Rotary Screw, Rotary Vane, Centrifugal and Reciprocating Compressors. In addition, it is also recommended for Blowers, Hydraulic Systems, Enclosed Gear Units: i.e. Spur, Helical, Bevel & Worm Gears, Plain and Roller Contact Bearings, Circulating and Splash Lubricated Systems including Mist Systems.

Product Features and Benefits

- 100% Synthetic Lubricant
- Wide Temperature Range
- Low Pour Points
- High Flash Points
- Increased Thermal & Oxidative Stability

Typical Properties

ISO Viscosity Grade		150	220
Viscosity @ 100°C, cSt	ASTM D445	18.29	24.14
@ 40°C, cSt	ASTM D445	156.3	230.4
Viscosity Index	ASTM D2270	131	131
Pour Point, °F (°C)	ASTM D97	-49 (-45)	-31 (-35)
Flash Point, °F (°C)	ASTM D92	500 (260)	504 (262)
API Gravity	ASTM D4052	31.1	31.1
Copper Strip Corrosion	ASTM D130	1b	1b
Rust Test	ASTM D665	Pass	Pass
Evaporation, %	ASTM D972	<1%	<1%

D-A Part Number:

Bulk	IP72751	IP72761
Tote – 330 Gal	IP72753	N/A
Drum – 55 Gal	IP72752	IP72762