

WearGuard™

Performance Engineered Lubricants

D-A SYN 3000 Series



Product Description

WearGuard™ D-A SYN 3000 Series is a premium Group III full synthetic fluid formulated with **ChemGuard™** additive technology system. It is designed to exceed the demanding lubrication requirements of oil flooded rotary vane, screw and reciprocating type compressors.

WearGuard™ D-A SYN 3000 Series conforms to ISO viscosity classifications 32, 46, 68, 100 and 150. It is formulated from severely hydro-treated, hydro-cracked hydrocarbon base stocks combined with the latest developments in additive technology. This combination makes **WearGuard™ D-A SYN 3000 Series** excellent for oxidation and thermal degradation resistance - providing the potential for extended drain intervals, fewer air filter changes and less oil carryover.

Product Features and Benefits

- Low temperature fluidity

- Exceptional oxidation stability

- Excellent anti-friction and anti-wear properties

- D-A synthetic base oil combination is compatible with seals and elastomers commonly found in compressed air systems

- Excellent demulsibility protects against rust and corrosion

Typical Applications

Oil Flooded Rotary Vane Compressors
 Oil Flooded Screw Type Compressors
 Air Compressors where the lubricant is injected directly into the airstream
 Reciprocating (Piston-Type) Compressors (ISO 100 grade)
 Vacuum Pumps

Typical Properties

ISO Viscosity Grade	Test Method	32	46	68	100
Viscosity @ 100 °C, cSt	ASTM D445	5.8	7.8	10.0	14.1
@ 40 °C, cSt	ASTM D445	32.8	45.6	67.9	101.2
Viscosity Index	ASTM D2270	127	126	131	142
Pour Point, °F (°C)	ASTM D97	-29 (-34)	-20 (-29)	-11 (-24)	-11 (-24)
Flash Point, °F (°C)	ASTM D92	446 (230)	478 (248)	482 (250)	486 (252)
API Gravity	ASTM D4052	35.6	34.8	34.5	34.2
FZG Test, Pass Stage	ASTM D5182	12	12	12	12
Copper Strip Corrosion	ASTM D130	1b	1b	1b	1b
Foam Test	ASTM D892	Pass	Pass	Pass	Pass

D-A Part Number:

Bulk	IP53711	IP53721	IP53731	IP53741
Tote – 330 Gal	N/A	N/A	N/A	IP53743
Drum – 55 Gal	IP53712	IP53722	N/A	IP53742
Pail (Plastic) – 5 Gal	IP53718	IP53728	IP53738	IP53748