

WearGuard™ D-A SYN PCO (Proofer Chain Oil) is a high performance H-2 synthetic ester lubricant designed for conveyor roller ball bearing chains, pin and roller chains, slides and gears operating in environments which contain high humidity such as a proofer box's in bakeries. This lubricant is blended with D-A's advanced **ChemGuard™** additive technology. It outperforms mineral based petroleum oil lubricants by significantly reducing lubricant consumption and providing better film strength that protects against rust, corrosion, and wear.

Applications

- Conveyor Roller Ball Bearing Chains
- Pin and Roller Chains
- Slides and Gears in High Humidity Environments

Characteristics

- Provides outstanding metal wear resistance
- Excellent rust protection
- Does not emulsify with significant amounts of water
- Resists Gumming
- H-2

Typical Properties

WearGuard™ D-A SYN PCO	ASTM Method	WearGuard D-A SYN PCO 100	WearGuard D-A SYN PCO 150
SAE Grade	J-300	30	40
ISO Viscosity Grade	D2422	100	150
Viscosity, cSt, 40° C/100° C	D445	91.4 / 9.3	146.5 / 13.3
Viscosity Index	D2270	71	90
Pour Point, °C / °F	D97	-29/-30	-34/-30
Flash Point, °C / °F	D92	260/500	271/520
Carbon Residue %	D189	<0.02	<0.02
Evaporation %	D972	0.98	0.90
Foaming Sequences I, II, III	D892	Nil	Nil
Copper Corrosion 3hr @ 100° C	D130	1b	1a
Four Ball Wear 40kg, 1200rpm 1hr @ 75° C	D4172	0.38mm	0.38mm
Specific Gravity	D1298	0.95	0.94
USDA Authorization	-	H-2	H-2
Demulsibility @ 130° F	D1401	Excellent	Excellent



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