



Syncon™ EP Plus Gear Oil

Conoco Syncon™ EP Plus Gear Oil is a premium quality, high viscosity index, synthetic extreme-pressure gear lubricant specifically recommended for lubricating heavily-loaded enclosed gearboxes and rolling element bearings. It is specially formulated with high viscosity index synthetic base oils and advanced additives to provide outstanding oxidation stability and maximum protection against wear, rust, corrosion and foaming. It is fortified with specially tailored non-chlorinated extreme-pressure additives to enhance its exceptional performance.

Syncon™ EP Plus Gear Oil is available in one viscosity grade: ISO 320.

Applications

- Heavily-loaded enclosed gearboxes commonly found in mine hoists and mining machinery
- Gearboxes operating under extreme temperature conditions or at higher than normal operating temperatures
- Spur, helical, herringbone, bevel and industrial spiral bevel gearing
- Applications where the manufacturer recommends an ISO VG 320 synthetic EP gear oil

Syncon™ EP Plus Gear Oil meets the performance requirements of:

- AGMA 9005-E02 (formerly 250.04)
- U.S. Steel 224
- Most major gearbox manufacturers such as Amarillo, David Brown, Falk, Flender, Hansen and Lufkin

Outstanding Features

- Outstanding performance at high and low temperatures
- Non-chlorinated additive system
- Extreme pressure properties
- High viscosity index for year-round protection
- Excellent wear protection
- Excellent rust and corrosion protection
- Superior oxidation stability

**High VI, Synthetic
Extreme-Pressure
Gear Lubricant**

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Syncon™ EP Plus Gear Oil
Typical Properties

	ASTM Method	
ISO Grade		320
AGMA Grade		6 EP
Specific Gravity @ 60°F (15.6°C)		0.870
Density, lb/gal		7.26
Flash Point (COC),	D92	
°F		500
°C		260
Pour Point,	D97	
°F		-40
°C		-40
Viscosity,	D445	
cSt @ 40°C		318
cSt @ 100°C		34.7
SUS @ 100°F		1650
SUS @ 210°F		169
Viscosity Index	D2270	153
Copper Corrosion	D130	1b
Four-Ball Weld Load, kgf	D2783	315
Four-Ball Wear, Scar Diameter, mm	D4172	0.40
Timken OK Load, lbs	D2782	65
Rust Test	D665 B	Pass
Total Acid Number (TAN)	D974	0.62
ASTM Color	D1500	0.5

Due to continual product research and development, the information contained herein is subject to change without notification.

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