

SYNGEAR EP

Performance and applications

Catalys Syngear EP are premium quality, full-synthetic industrial EP gear oils. They are designed for use in enclosed spur, bevel, herringbone and helical gear reducers that encounter severe operating conditions such as high temperature, high loading, and wide temperature variations.

They are suitable for use in applications where the following specifications are required:

- US Steel 224
- AGMA 9005 E-02
- DIN 51517 Part 3
- David Brown S1.53.101
- Cincinnati Machine

Catalys Syngear EP are formulated to outperform conventional mineral EP industrial gear oils and provide the following features and benefits:

- Superior load carrying ability (EP); provides wear and micro-pitting protection
- Very low pour point and high viscosity index; outstanding cold temperature performance
- Shear stable
- Excellent rust and corrosion protection
- Superior oxidation and thermal stability

Physical and Chemical Properties

Properties	ASTM	ISO 150	ISO 220	ISO 320	ISO 460
Viscosity 40°C, (cSt)	D445	149,1	222,1	324,1	457,4
Viscosity 100°C, (cSt)	D445	19,7	26,8	35,7	49,2
Viscosity Index	D2270	152	155	156	168
Density at 15°C, (Kg/L)	D1298	0,8602	0,8650	0,8671	0,8682
Flash Point, COC, °C	D92	238	238	246	244
Pour Point, °C	D97	-44	-40	-40	-35
Cu Corrosion 121°C, 3 hr	D130	1B	1B	1B	1B

Available package

	18,9 L	208,2 L
Catalys Syngear EP 150	07-2421-10	07-2421-05
Catalys Syngear EP 220	07-2422-10	07-2422-05
Catalys Syngear EP 320	07-2423-10	07-2423-05
Catalys Syngear EP 460	07-2424-10	07-2424-05