

# DRYDENE GEARALL® EP GEAR OILS

EXTREME PRESSURE INDUSTRIAL GEAR OIL



## PRODUCT DESCRIPTION

**DRYDENE GEARALL® EP GEAR OILS** are specially formulated to provide maximum protection to industrial gear units where extreme pressure conditions may exist. They are designed to withstand the rigors of heavy shock loading, corrosion and oxidation in a number of industrial gear types.

## PRODUCT APPLICATION

**DRYDENE GEARALL® EP GEAR OILS** are recommended for use and provide in a number of enclosed industrial gear applications where AGMA EP gear oils are specified:

- Spur
- Helical
- Bevel
- Planetary

**DRYDENE GEARALL® EP GEAR OILS** are also suitable for use in bath, splash, circulating or spray mist applications as applicable to the specified viscosity grade.

## SPECIFICATIONS

**AGMA EP 9005-D94** ISO 68, 100, 150, 220, 320

**DIN 51517** Part 3

**US Steel** 224

**Cincinnati Lamb** P-63 (ISO 68), P-76 (ISO 100), P-77 (ISO 150), P-74 (ISO 220), P-59 (ISO 320)

Other applicable uses may exist. Please contact Drydene Performance Products, Inc. for more information.

## FEATURES AND BENEFITS

**DRYDENE GEARALL® EP GEAR OILS** feature robust additives that deliver both protective and efficiency properties in industrial applications:

- Advanced corrosion inhibitors control the formation of harmful contaminants
- EP additives build a protective layer to reduce friction and wear rates on metal-on-metal contact points
- Reduces wear on gear teeth and bearings
- Excellent water separation promotes extended gear service life
- Ideal for low and high temperature applications



## TYPICAL TECHNICAL PROPERTIES

PROPERTY	TEST METHOD	EP 68	EP 100	EP 150	EP 220	EP 320
AGMA Number		2EP	3EP	4EP	5EP	6EP
Viscosity @ 40°C, cSt	ASTM D445	68	100	150	220	320
Viscosity @ 100°C, cSt	ASTM D445	8.9	11.2	15.1	19.2	24.8
Viscosity Index	ASTM D2270	98	98	98	95	95
Pour Point, °F	ASTM D97	-5	-5	-5	0	0
Flash Point, °F	ASTM D92	400	410	415	415	450
FZG gear test, stages	ASTM D5182	12	12	12	12	12
Timken OK Load, lbs.	ASTM D2782	60	60	60	60	60
Four Ball Wear Test	ASTM D4172	0.25	0.25	0.25	0.25	0.25
Four Ball EP Load Wear Index	ASTM D2596	48	48	48	55	65
Four Ball Weld Point, kg	ASTM D2596	260	250	250	250	250

## HEALTH AND SAFETY

This product is not expected to have any adverse health implications when used for its intended purposes. Always wear protective gloves when handling used oil and dispose of properly. Avoid contact with skin and wash immediately with soap and water should any contact occur.

For a copy of this product's Safety Data Sheet (SDS), contact Drydene Performance Products, Inc. at 1-877-DRYDENE.

## DISCLAIMER

Always follow OEM recommendations for fluid viscosity and API service category. Drydene Performance Products, Inc. assumes no responsibility for product misuse or improper application.

## DRYDENE PERFORMANCE PRODUCTS, INC.

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