

# DRYDENE GEARALL® EP GEAR OILS

EXTREME PRESSURE INDUSTRIAL GEAR OIL



## PRODUCT DESCRIPTION

**DRYDENE GEARALL® EP GEAR OILS** are high-performance extreme pressure gear oils for all type of enclosed gear drives. They are recommended for industrial spur, bevel and helical enclosed gears with circulation or splash lubrication. The special extreme pressure additive package provides excellent performance for gear sets operating under heavy or shock loads at temperatures up to 100 °C.

## 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.

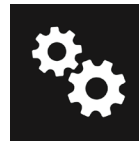
## SPECIFICATIONS

AGMA EP 9005-E02  
 Cincinnati Lamb P-63 (ISO 68), P-76 (ISO 100), P-77 (ISO 150)  
 Cincinnati Lamb P-74 (ISO 220), P-59 (ISO 320), P-35 (ISO 460)  
 David Brown S1.53 101 (Type M, A, E)  
 DIN 51517 Part 3, CLP  
 ISO 12925-1 CKC/CKD  
 SEB 181226  
 US Steel 224

## FEATURES AND BENEFITS

**DRYDENE GEARALL EP GEAR OILS** feature robust additives that deliver both protective and efficiency-improving properties in industrial gearbox 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
- Protects gear teeth from micro-pitting wear which helps lower gear and bearing wear over the life of the fluid
- Excellent water separation promotes extended gear service life



## TYPICAL TECHNICAL PROPERTIES

PROPERTY	TEST METHOD	ISO 68	ISO 100	ISO 150	ISO 220	ISO 320	ISO 460
Viscosity @ 40°C, cSt	ASTM D445	68	100	150	220	320	460
Viscosity @ 100°C, cSt	ASTM D445	8.9	11.3	14.8	19.4	24.3	30.8
Viscosity Index	ASTM D2270	104	99	98	100	97	97
Pour Point, °C/°F	ASTM D97	-25/-13	-24/-11	-24/-11	-24/-11	-23/-9	-16/3
Rust Prevention	ASTM D665B	Pass	Pass	Pass	Pass	Pass	Pass
FZG gear test, stages	ASTM D5182	12	12	12	12	12	12
FZG Micropitting, Fail stage	FVA 54	10	10	10	10	10	10
Four- Ball Weld Load, kgf	ASTM D2783	200	200	250	250	250	250
Timken OK Load, lbs.	ASTM D2782	65	65	65	65	65	65
Water Separation	ASTM D2711	Pass	Pass	Pass	Pass	Pass	Pass
Oxidation Test	ASTM 2893	Pass	Pass	Pass	Pass	Pass	Pass

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. Always follow manufacturers recommendations for fluid viscosity and service category. RelaDyne assumes no responsibility for product misuse or improper application. For a copy of this product's Safety Data Sheet (SDS), visit [www.DRYDENE.com](http://www.DRYDENE.com) Rev (0322-01)