Advanced Lubrication Specialties
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ADVANCED LUBRICATION SPECIALTIES
ISO 9001:2008 Registered

ADVANTAGE EP GEAR OILS

OVERVIEW

ADVANTAGE EP GEAR OILS are premium quality industrial gear lubricants made from highly refined base stocks and modern additive technology. These lubricants are designed to provide excellent performance when load carrying capacity is required due to extreme pressures and shock loading.

FEATURES & BENEFITS

ADVANTAGE EP GEAR OILS offer high thermal stability and utilize a modern Extreme Pressure additive system to maintain clean gear and bearing surfaces, minimize deposits, inhibit rust and corrosion and provide excellent water separation.

APPLICATIONS

ADVANTAGE EP GEAR OILS are designed for industrial enclosed gearing where an AGMA extreme pressure lubricant is specified. Spur, helical, bevel, and worm gear configurations subject to heavy loading and shock loading. Bath, splash, circulating or spray mist lubrication as applicable to the required viscosity grade.

SPECIFICATIONS

U.S. Steel 224 • Cincinnati Lamb P-63 (ISO 68), P-76 (ISO 100), P-77 (ISO 150), P-74 (ISO 220), P-59 (ISO 320), P-35 (ISO 460) • DIN 51517 PART 3 • AGMA EP 9005-E02 (ISO 68, 100, 150,220, 320, 460, 680) • DIN 51517, Part 3 • ISO 12925-1 CKC/CKD • David Brown M, A, E

TYPICAL PROPERTIES

PRODUCT CODES	6163	6293	6253	6173	6213	6213	6833
Product	EP 68	EP 100	EP 150	EP 220	EP 320	EP 460	EP 680
AGMA Number	2EP	3EP	4EP	5EP	6EP	7EP	8EP
Viscosity, cSt @ 40 °C	68	100	150	220	320	460	680
Viscosity, cSt @ 100 °C	8.8	11.0	15.0	19.3	25.0	28.5	53.0
Viscosity Index	99	98	98	95	95	95	113
Flash Point, °F	400	410	415	415	450	460	480
Pour Point, ° F	-5	-5	-5	0°	0°	0°	10°
FZG gear test, stages	12	12	12	12	12	12	12
Timken OK Load, lb.	60	60	60	60	60	60	60
4-Ball Wear Test	0.25	0.25	0.25	0.25	0.25	0.25	0.25
Load-wear index, kgf	47	47	47	54	65	66	65
Weld Point	260	250	250	250	250	250	250