Advanced Lubrication Specialties
420 Imperial Court Bensalem, PA 19020 United States
Tel: (215) 244-2114
Fax: (215) 244-2118
www.advancedlubes.com

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 - MAG Cincinnati, Cincinnati Machine 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-D94 (ISO 68, 100, 150,220, 320, 460, 680)

TYPICAL PROPERTIES

PRODUCT CODES	**616**	**629**	**625**	**617**	**621**	**618**
ISO Grade	68	100	150	220	320	460
AGMA Number	2EP	3EP	4EP	5EP	6EP	7EP
Viscosity, cSt/40°C	68	100	150	220	320	460
Viscosity, cSt/100°C	8.8	11.0	15.0	19.3	25.0	28.5
Viscosity Index	99	98	98	95	95	95
API Gravity	27.9	27.0	27.0	26.5	26.1	24.1
Flash Point, COC °F	400	410	415	415	450	460
Pour Point, °F	-5	-5	-5	0	0	0
Timken OK Load, lb	60	60	60	65	65	65
4-Ball EP Test	42	42	42	42	43	46
Load Wear Index	260	250	250	250	250	250
Weld Point, kg 4 Ball wear test (ASTM D2266) 20kg, 1800 rpm, 54°C (130°F) 1 hr, wear scar diameter, mm	0.25	0.25	0.25	0.25	0.25	0.25
Demulsibility,	86.3	85.5	84.1	82.2	83.0	84.9
Emulsion, ml	0.1	0.1	0.1	0.1	0.1	0.1
Rust Test	Pass	Pass	Pass	Pass	Pass	Pass
Copper Strip, Class	Pass	Pass	Pass	Pass	Pass	Pass
Foam Test	Pass	Pass	Pass	Pass	Pass	Pass