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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**	**683**
AGMA Number	2EP	3EP	4EP	5EP	6EP	7EP	8EP
ISO Grade	68	100	150	220	320	460	680
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	42.6
Viscosity Index	99	98	98	95	95	95	105
Flash Point, COC °F	400	410	415	415	450	460	468
Pour Point, °F	-5	-5	-5	0	0	0	10
Timken OK Load, lb	60	60	60	65	65	65	65
4-Ball EP Test	42	42	42	42	43	46	46
Load Wear Index	260	250	250	250	250	250	250
Weld Point, scar dia. mm	0.25	0.25	0.25	0.25	0.25	0.25	.25
Demulsibility,	86.3	85.5	84.1	82.2	83.0	84.9	84.9
Emulsion, ml	0.1	0.1	0.1	0.1	0.1	0.1	0.1
Rust Test	Pass	Pass	Pass	Pass	Pass	Pass	Pass
Copper Strip, Class	Pass	Pass	Pass	Pass	Pass	Pass	Pass
Foam	Pass	Pass	Pass	Pass	Pass	Pass	Pass