



Lubricants
United States



SUNOCO SUNEP GEAR OILS

Introduction

SUNOCO SUNEP 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.

Advantages

SUNOCO SUNEP 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

SUNOCO SUNEP 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 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-D94 (ISO 68, 100, 150, 220, 320, 460)

Typical Properties

	PRODUCT CODES					
	6163	6293	6253	6173	6213	6183
	ISO GRADE					
AGMA Number	2EP	3EP	4EP	5EP	6EP	7EP
Viscosity, cSt @40 °C (D445)	68	100	150	220	320	460
Viscosity, cSt @100 °C (D445)	8.8	11.0	15.0	19.3	25.0	28.5
Viscosity Index (D2270)	99	98	98	95	95	95
Flash Point, COC °F (D92)	400	410	415	415	450	460
Pour Point °F (D97)	-5	-5	-5	0	0	0
FZG gear test, stages	12	12	12	12	12	12
Timken OK Load, lb.	60	60	60	60	60	60
4 Ball wear test (ASTM D2266), mm	0.25	0.25	0.25	0.25	0.25	0.25
Load-wear index, kgf	47	47	47	54	65	66
Weld Point, kg	260	250	250	250	250	250
Gravity, ° API	27.9	27.0	27.0	26.5	26.1	24.1

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