



PRODUCT DATA SHEET

Premium Quality Lubricants

NATIONAL™ EP GEAR OILS

Premium extreme pressure (EP) industrial gear oils

PRODUCT DESCRIPTION

NATIONAL™ premium EP industrial gear oils are formulated using sulfur-phosphorous additive system and are free of lead and lead compounds. These oils are designed to lubricate industrial gear units.

INDUSTRY AND OEM SPECIFICATIONS

- ◆ ANSI AGMA 9005-D94
- ◆ US Steel 224
- ◆ Cincinnati Machine (appropriate viscosity grades)
- ◆ Joy Technologies
- ◆ DIN 51517 (Part 3)
- ◆ David Brown SL 53.101

APPLICATIONS

NATIONAL™ premium EP gear oils are recommended for use in industrial gear units requiring an extreme pressure type oil. These oils can be used in large and small spur, bevel, helical, herringbone, and hypoid gears. These oils are specially used in severe industrial applications in steel and paper mills, rubber and glass plants, mines and quarries, and marine vessel transmissions.

TYPICAL PROPERTIES

ISO GRADE	TEST	68	100	150	220	320	460
AGMA GRADE		2EP	3EP	4EP	5EP	6EP	7EP
Viscosity @100°C	D445	8.7	11.4	14.6	18.1	23.1	29.2
Viscosity @40°C	D445	68	100	150	220	320	460
Viscosity Index	D2770	99	96	96	90	90	90
Pour Point °C	D97	-25	-25	-20	-15	-15	-10
Color	D1500	1.5	1.5	2.5	4.5	4.5	4.5
Timken rating (lbs)		65	65	70	70	70	70

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