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MIAMI OIL COMPANY

PRODUCT SPECIFICATIONS & TECHNICAL DATA

INDUSTRIAL GEAR OILS HEAVY-DUTY

INDUSTRIAL EP GEAR OILS are a series of HEAVY-DUTY lubricants, formulated using high viscosity index base oils to meet the multi-purpose needs of the industrial market. These gear oils provide protection against rust, corrosion, and enhanced oxidation stability, resistant to foaming and contain friction modifiers, help reduce gear tooth and bearing wear on both steel and bronze components. These oils meet the demands of enclosed gear sets working under heavy loads or shock, plain and anti-friction bearings, slide guides, chain drives, mobile equipment, etc., and incorporate a special sulfur-phosphorus additive to provide extreme pressure performance. These industrial gear oils meet the requirements of EP (Extreme Pressure) lubricants of the American Gear Manufacturers' Association (AGMA) Specification 250.04. They also meet Cincinnati Milacron and US Steel Specification 224 requirements.

INDUSTRIAL EP GEAR OILS are available in several ISO viscosity grades ranging from 68 to 680.

APPLICATIONS: Steel gear transmissions including spur, helical and bevel gears, industrial gear drives where full extreme pressure performance due to heavy or shock loading is needed, plain and roller contact bearings, circulating and splash lubricated systems, mist systems.
SUITABLE FOR USE IN SPECIFICATIONS REQUIRES: AGMA 9005 D94EP (150-680 grades), Bosch Rexroth, Boston Gear, David Brown, Daniell, FAG, Falk, Lenze AG, Minter Machine Company, Morgan Construction, Mueller Weingarten, Rexnord-Stephen, Wartsila, US Steel 224 (150680 grades),

TYPICAL PROPERTIES

AGMA Rating	2EP	3EP	4EP	5EP	6EP	7EP	8EP
ISO Grade	68	100	150	220	320	460	680
API Gravity 60/60°F Min	32.7	32.6	32.6	32.5	32.5	32.4	32.6
Viscosity SUS @ 100°F	355	550	850	1250	1750	2500	3750
Viscosity SUS @ 210°F	58	68	90	110	145	187	238
Viscosity Index	105	105	107	107	107	107	107
Flash Point °F	400	405	410	420	425	430	435
Pour Point °F	-20	-20	-0	0	0	10	10

Minor variations that do not affect product performance are to be expected during normal manufacture.
Due to continual product research and development the product formulations are subject to change without notifications.