



Maxtron® Industrial Gear Oil EP

Full-Synthetic Industrial Gear Oil with EP Properties

General Description

Maxtron® Industrial Gear Oil EP is a full-synthetic oil developed for industrial gears and enclosed industrial gearboxes operating under extreme conditions and pressures.

Maxtron Industrial Gear Oil EP is formulated with thermally stable extreme-pressure additives, which are designed to deliver exceptional performance throughout the application drain interval. The advanced additive system delivers excellent wear and corrosion protection, as well as high-load carrying capacity. Maxtron Industrial Gear Oil EP products are suitable for lubricating bearings and other components in circulating and splash-lubricated systems.

Product Benefits

- Proven wear and micro-pitting protection
- Dampens shock-loads and delivers excellent wear protection for gears and bearings
- Exceeds a wide range of performance specifications for versatility
- Resists heat and deposits for superior cleanliness
- Low pour points provide reliable cold-temperature start-up efficiency and speedy lubrication
- Excellent seal compatibility, which helps reduce leaks and extends seal life
- Excellent water separation properties, which help extend the life of gears

Features and Benefits

- **Viscosity Stability:** The full-synthetic base oil formulation offers a high viscosity index as well as excellent shear stability and superior low temperature performance.
- **Pumping Efficiency:** Retains viscosity at high-temperatures and minimizes viscosity shear loss, which increases wear protection for gears and bearings.

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CHS Lubricants recommends that Cenex®
Maxtron® Industrial Gear Oil EP is suitable for
use in the following specification:

US STEEL* 224; AGMA 9005-E02; DIN51517
Part- 3CLP; David Brown* S1.53.101;
ISO 12925-1 (CKD); Cincinnati Machine*

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respective owners and may be registered marks in some
countries. No affiliation or endorsement claim, express or
implied, is made by their use.*

Typical Properties

Property	Typical
Viscosity Grade	ISO 220
AGMA (EP) Grade	5
Density lbs/gal	7.207
Specific Gravity (g/ml)	.8654
Viscosity, cSt @ 40°C	222.1
Viscosity, cSt @ 100°C	26.8
Viscosity Index	155
Flash Point °C (°F) (CoC)	238 (460)
Pour Point, °C (°F)	-40 (-40)
FZG Failure Stage	>12
Four Ball EP Weld Kg	250
Four Ball EP LWI Kg	55
Falex B (Failure) lbf	3000
Timken OK Load lbs.	>90
Rust Prevention	Pass
Copper Corrosion 121°C, 3 hr	1B
Demulsibility	40/40/0
Foam Tendency Seq I	0/0
Seq II	10/0
Seq III	0/0
Color	L0.5

The typical properties listed reflect the general characteristics of the product, and are not manufacturing specifications. Normal batch-to-batch variations should be expected.

Health & Safety

A complete safety data sheet is available by calling 1-651-355-8438 or visit cenex.com/sds-library.

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