



# Maxtron<sup>®</sup> Industrial Gear Oil EP

## Full-Synthetic Industrial Gear Oil with EP Properties

### General Description

Maxtron<sup>®</sup> 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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## Full-Synthetic Industrial Gear Oil with EP Properties

CHS Lubricants recommends that Cenex<sup>®</sup> Maxtron<sup>®</sup> 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\*

*\* All trademarked names are the property of their 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   | Typical   | Typical   |
|------------------------------|-----------|-----------|-----------|
| Viscosity Grade              | ISO 100   | ISO 220   | ISO 320   |
| AGMA (EP) Grade              | 3         | 5         | 6         |
| Density lbs/gal              | 7.137     | 7.207     | 7.224     |
| Specific Gravity (g/ml)      | .8571     | .8654     | .8676     |
| Viscosity, cSt @ 40°C        | 101.0     | 222.1     | 324.1     |
| Viscosity, cSt @ 100°C       | 14.8      | 26.8      | 35.7      |
| Viscosity Index              | 153       | 155       | 156       |
| Flash Point °C (°F) (CoC)    | 236 (457) | 238 (460) | 246 (475) |
| Pour Point, °C (°F)          | -46 (-51) | -40 (-40) | -40 (-40) |
| FZG Failure Stage            | >12       | >12       | >12       |
| Four Ball EP Weld Kg         | 250       | 250       | 250       |
| Four Ball EP LWI Kg          | 52        | 55        | 58        |
| Falex B (Failure) lbf        | 2750      | 3000      | 3000      |
| Timken OK Load lbs.          | >90       | >90       | >90       |
| Rust Prevention              | Pass      | Pass      | Pass      |
| Copper Corrosion 121°C, 3 hr | 1B        | 1B        | 1B        |
| Demulsibility                | 40/40/0   | 40/40/0   | 40/40/0   |
| Foam Tendency                | Seq I     | 0/0       | 0/0       |
|                              | Seq II    | 10/0      | 10/0      |
|                              | Seq III   | 0/0       | 0/0       |
| Color                        | L0.5      | L0.5      | 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](http://cenex.com/sds-library).

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