



## Application

Lazio-oil EP 460 is a high-performance gear oil with extreme pressure (EP) properties, specially formulated for enclosed industrial gears lubricated by splash or circulation systems. It is ideal for applications involving high loads, elevated temperatures, high speeds, and sliding friction. Lazio-oil EP 460 is also suitable for lubricating other heavily-loaded components, including couplings, transmission screws, and low-speed plain bearings.

Key benefits include:

- Reliable protection for lubricated components during operation, provided by a robust anti-wear additive system
- Excellent resistance to high operating temperatures (up to 100°C), thanks to superior antioxidant properties
- Non-corrosive to gaskets, seals, and metals such as steel, cast iron, copper, and bronze
- Outstanding demulsibility, ensuring rapid separation of water that may accidentally enter the system

## Specifications

- ISO 12925-1 CKD • AIST No.224 • Fives Cincinnati P-35 level
- Muller Weingarten DT 55 005 CLP • DIN 51517-3 CLP • ANSI/AGMA 9005-E02
- David Brown S1.53 101 level • Danieli Standard n. 0.000.001 - Rev.15

## Characteristics

| Properties            | Method      | Unit               | Typical      |
|-----------------------|-------------|--------------------|--------------|
| Appearance            | APM 27      | -                  | clear/visual |
| Density at 15°C       | ASTM D 4052 | kg/m <sup>3</sup>  | 908          |
| Viscosity at 40°C     | ASTM D 445  | mm <sup>2</sup> /s | 460          |
| Viscosity Index       | ASTM D 2270 | -                  | 95           |
| Flash point COC       | ASTM D 92   | °C                 | 260          |
| Pour point            | ASTM D 5950 | °C                 | -15          |
| Demulsibility at 82°C | ASTM D 1401 | mins               | 15           |