



Application

Lazio-oil EP 220 is a high-performance gear oil with extreme pressure (EP) properties, designed for use in enclosed industrial gear systems lubricated by splash or circulation methods. It excels in applications subject to high loads, elevated temperatures, high speeds, and sliding friction. Additionally, Lazio-oil EP 220 is ideal for lubricating other heavily-loaded components such as couplings, transmission screws, and low-speed plain bearings. It is also suitable for oil-mist lubrication systems.

Key benefits include:

- Enhanced protection for components under heavy load, provided by a robust anti-wear additive system
- Excellent resistance to high operating temperatures (up to 100°C), thanks to superior antioxidant properties
- Safe for use with a variety of materials, including gaskets, seals, steel, cast iron, copper, and bronze, as it does not cause corrosion
- Outstanding emulsifying capability, allowing for quick separation from water in case of accidental ingress

Specifications

- Muller Weingarten DT 55 005 CLP • Danieli Standard n. 0.000.001 - Rev.15
- Fives Cincinnati P-74 level • AIST No.224 • ISO 12925-1 CKD • DIN 51517-3 CLP
- David Brown S1.53 101 level • ANSI/AGMA 9005-F16

Characteristics

Properties	Method	Unit	Typical
Appearance	APM 27	-	clear/visual
Density at 15°C	ASTM D 4052	kg/m ³	896
Viscosity at 40°C	ASTM D 445	mm ² /s	220
Viscosity Index	ASTM D 2270	-	95
Flash point COC	ASTM D 92	°C	232
Pour point	ASTM D 5950	°C	-18
Demulsibility at 82°C	ASTM D 1401	mins	20