



Application

Lazio-oil HLP 100 is a high-performance anti-wear hydraulic oil, specially designed for hydraulic systems that are sensitive to deposit formation. Blended with carefully selected base oils and zinc-free additives, it offers exceptional protection against wear, rust, and oxidation. The oil is renowned for its excellent oxidation stability and outstanding filterability, ensuring optimal performance even under demanding conditions.

Key benefits include:

- Superior protection for lubricated components, thanks to high-performance anti-wear and anti-rust additives
- Prevention of deposit formation, due to the use of ashless additives
- Extended operational life, supported by exceptional thermo-oxidative stability
- Excellent filterability, making it ideal for hydraulic systems with fine filters (down to 3 microns)

Lazio-oil HLP 100 is engineered to provide long-lasting reliability and efficiency for your hydraulic systems.

Specifications

- ISO 11158 HM • DIN 51524-2 HLP • AFNOR NF E 48603 HM • BS 4231 HSD
- Denison HF-0 level • Eaton Vickers I-286-S level • Eaton Vickers M-2950-S level

Characteristics

Properties	Method	Unit	Typical
Appearance	APM 27	-	clear/visual
Density at 15°C	ASTM D 4052	kg/m ³	890
Viscosity at 40°C	ASTM D 445	mm ² /s	100
Viscosity Index	ASTM D 2270	-	97
Flash point COC	ASTM D 92	°C	235
Pour point	ASTM D 5950	°C	-24
Demulsibility at 82°C	ASTM D 1401	mins	20