

JoshGear Industrial

EP 100 Industrial Gear Oil

Product Description

JoshGear Industrial is a premium Mineral (Group I/II) Industrial Gear Oil designed for Medium-duty industrial gearboxes, speed reducers, machine tool gears. Meets ISO 12925-1 CKD, AGMA 9005-E02, DIN 51517-3 CLP specifications and delivers exceptional performance in demanding conditions.

Technical Specifications

Density at 15°C	0.885 g/cm³
Kinematic Viscosity at 40°C	100 cSt
Kinematic Viscosity at 100°C	11.4 cSt
Viscosity Index	97
Flash Point (COC)	230°C min
Pour Point	-21°C
FZG Scuffing Test	Pass 12 stages min
Shear Stability (KRL 20h)	< 5% viscosity loss
Sulfur Content	1.2-1.8%
Phosphorus Content	0.08-0.12%
Copper Corrosion	1b max
Demulsibility	30 min max

Applications

Medium-duty industrial gearboxes, speed reducers, machine tool gears

Performance Standards

ISO 12925-1 CKD

Handling & Storage

- Store in a cool, dry place away from direct sunlight
- Keep container tightly closed when not in use
- Shelf life: 36 months from date of manufacture
- Do not mix with other lubricants