

JoshCut Broach EP

46 Neat Cutting Oil - Broaching EP

Product Description

JoshCut Broach EP is a premium Highly Refined Mineral (Group II) + EP Additives Neat Cutting Oil - Broaching EP designed for Maximum EP broaching, rifling operations, spline cutting in tough alloys. Meets ISO 6743-7 MHC specifications and delivers exceptional performance in demanding conditions.

Technical Specifications

Kinematic Viscosity at 40°C	46 cSt
Kinematic Viscosity at 100°C	6.9 cSt
Viscosity Index	100
Flash Point (COC)	205°C min
Pour Point	-6°C
Four Ball Scar Diameter (ASTM D4172)	0.35 mm max
Four Ball Weld Load (ASTM D2783)	280 kg min
Copper Corrosion (3h, 100°C)	3a
Sulfur Content	3.0-4.5%
Chlorine Content	2.0-3.0%
Density at 15°C	0.882 g/cm³

Applications

Maximum EP broaching, rifling operations, spline cutting in tough alloys

Performance Standards

ISO 6743-7 MHC

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