



Product Data

Alpha CEP 150

Gear Oil

Description

Castrol Alpha™ CEP 150 is a highly additivated mineral based gear oil. It is designed for Industrial gears and transmissions which require a higher load carrying capability than normal conventional industrial gear oils

Application

Designed for circulation systems, especially for worm, hypoid and press gearbox.

Advantages

- High wear protection under mixed friction conditions (Brugger value > 75 N/mm², FZG A/8.3 /90 - load stage > 12).
- Very good resistance to oxidation.
- High resistance to aging.
- Reliable protection against corrosion.
- Neutral towards conventional sealing materials.
- Silicone free for Automotive applications.

Typical Characteristics

Name	Method	Units	CEP 150
Appearance	Visual	-	Clear & Bright
Density @ 15°C / 59°F	ISO 12185 / ASTM D4052	kg/m ³	905
Kinematic Viscosity @ 40°C / 104°F	ISO 3104 / ASTM D445	mm ² /s	150
Kinematic Viscosity @ 100°C / 212°F	ISO 3104 / ASTM D445	mm ² /s	13.7
Viscosity Index	ISO 2909 / ASTM D2270	-	97
Pour Point	ISO 3016 / ASTM D97	°C	-21
Foam Sequence I - tendency / stability	ISO 6247 / ASTM D892	ml/ml	15/0
Flash Point - open cup method	ISO 2592 / ASTM D92	°C	240
Base Number	ISO 3771 / ASTM D2896	mg KOH/g	11.5
FZG Gear Scuffing test - A/8.3/90	ISO 14635-1	Failure Load Stage	>12
Brugger Test	DIN 51347	N/mm ²	>75

Subject to usual manufacturing conditions.

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