



Product Data Sheet

Aminol™ Gear Oil CLP 46

Industrial gear oil

Product description

Aminol™ Gear Oil CLP 46 is a premium quality industrial gear oil with outstanding extreme pressure characteristics, made of carefully selected base stocks and the latest sulfur phosphorus additives. Its special active substance combination offers excellent load carrying capacity and micro-pitting performance providing long component life even under shock loading conditions.

Application

Aminol™ Gear Oil CLP 46 is recommended for industrial applications operating under heavy duty conditions such as heavy loading, slow speed, shock loads and in wide extremes of temperature. This includes, but is not limited to, enclosed industrial spur, bevel, herringbone, helical and epicyclic gears, chain drives, sprockets and most metal-on-metal systems requiring extreme-pressure lubricant.

Features & Benefits

- Outstanding wear protection
- Exceptional sludge and deposit control
- Low tendency to foam
- Excellent anti-corrosion properties
- High pressure-absorption capability
- Extended equipment life
- Better compatibility with seal materials

Typical Properties

Property	Unit	Test method	Typical value
ISO viscosity grade	-	-	46
Density at 15°C	g/cm3	ASTM D 4052	0.883
Kinematic Viscosity at 40°C	mm2/s	ASTM D 445	46
Kinematic Viscosity at 100°C	mm2/s	ASTM D445	6.77
Viscosity Index	-	ASTM D 2270	99



Flash Point (COC)	°C	ASTM D 92	228
Pour Point	°C	ASTM D 97	-18
Copper Strip Corrosion	-	ASTM D 130	1
Water Separability	-	ASTM D 7451	30
-time to 3 ml emulsion, min.	-	ASTM D 7451	30
FZG EP Wear Test (A 8.3/90)	-	ASTM D 5182	12
-Failure Load Stage	-	ASTM D 5182	12

Typical property characteristics are based on current production. Whilst future production will conform to Aminol™ specifications, variations in these characteristics may occur.

Performance claims

- AIST 224
- David Brown S1.53.101(E)
- AGMA 9005-E02
- DIN51517-3 (CLP)

Health, Safety & Environment

• Health and Safety

This product is unlikely to present any significant health or safety hazard when properly used in the recommended application, and good standards of industrial and personal hygiene are maintained.

For further guidance on Product Health & Safety refer to the appropriate Safety Data Sheet which can be obtained upon request or through our website: www.aminol.az

• Protect the Environment

Take used oil to an authorized collection point. Do not discharge into drains, soil or water.

Available pack sizes

- 1 L Canister plastic
- 4 L Canister plastic
- 5 L Canister plastic
- 7 L Canister plastic
- 20 L Canister plastic
- 30 L Canister plastic
- 200 L Drum sheet metal
- 1000 L Container



Storage

- We recommend to store all packages under cover.
- Where outside storage is unavoidable drums should be laid horizontally to avoid the possible ingress of water and damage to drum markings.
- Products should not be stored above 60 °C, exposed to hot sun or freezing conditions.

Notes

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