

# GEAR SINTEC CLP ISO 460

Fully synthetic industrial gear oil based on PAO

## Description

GEAR SINTEC CLP 460 is a fully synthetic high-performance industrial gear oil based on poly-alpha-olefins and specially coordinated additives. It has an outstanding load-carrying capacity as well as a high level of oxidation resistance – even under difficult usage conditions.

## Product features

- very good wear protection
- excellent viscosity-temperature behaviour
- high scuffing load capacity
- outstanding air release
- outstanding corrosion protection
- perfect for gears that undergo major temperature fluctuations

## Field of application

For spur gears, bevel gears and planetary gears of all well-established brands. Thanks to its outstanding viscosity-temperature behaviour and very effective corrosion protection, this lubricant is perfect for use in the industrial gears of machines, mountain railways, industrial systems and sewage treatment plants that are exposed to extremely tough operating conditions.

## Application

You can even take full advantage of the extended oil change intervals when parts are under extreme thermal stress.

## Specifications

DIN 51517-3 CLP, ROLLSTAR, planetary gear, FLENDER T 7300, ISO 12925-1, ISO 6743-6 L-CKC, ISO 6743-6 L-CKD

## Safety & Performance

AGMA 9005/F16, FIVES CINCINNATI P-74, DAVID BROWN S1 53.106, AIST 224 (U.S. STEEL), SEB 181226, ZF TE-ML-27]

## Technical Data

Properties	Test according to	Unit	Values
Colour			light brown
Viscosity			ISO VG 460
Density at 20 °C		g/cm <sup>3</sup>	0.862
Viscosity at 40°C	DIN 51562-1	mm <sup>2</sup> /s	447.0
Viscosity at 100°C	DIN 51562-1	mm <sup>2</sup> /s	56.3
Viscosity index	DIN ISO 2909		195.0
Flash point	DIN EN ISO 2592	°C	>= 200
Pourpoint	ASTM D5950	°C	-51
micro pitting endurance test	FVA-54/II		GFT hoch
micro pitting stage test	FVA-54/II		GFT hoch

The above information corresponds to the current state of our knowledge. We reserve the right to make changes. The performance characteristics indicated are based on testing and production tolerances standard in this industry. A safety data sheet is available.