

## HIGHTEC CLP 320 SYNTH

Fully synthetic, demulsifying high-performance industrial gear oil based on polyalphaolefins (PAO)

### Description

HIGHTEC CLP 320 SYNTH is a synthetic industrial gear lubricant offering outstanding lubrication performance under severe operating conditions, including reduced friction and long service life for optimal gear protection.

HIGHTEC CLP 320 SYNTH is formulated to have excellent load carrying capacity and micropitting performance providing long component life even under shock loading conditions.

HIGHTEC CLP 320 SYNTH also have excellent corrosion protection, even in the presence of contamination by water and solids.

HIGHTEC CLP 320 SYNTH is formulated using an advanced additive system in combination with specially selected synthetic base fluids to provide outstanding resistance to breakdown over long duration and/or high temperature operation.

HIGHTEC CLP 320 SYNTH has excellent water separation properties, such that excess water can be drained easily from lubrication systems to help extend the life of the gears and ensure efficient lubrication of the contact areas.

### Application

HIGHTEC CLP 320 SYNTH is recommended for the use in highly stressed industrial gears such as:

- Enclosed industrial gear systems
- Lubrication of bearings and other components in circulating and splash-lubricated systems
- Certain systems where extra long life is required, maintenance is infrequent or systems are inaccessible.

### Equivalent quality in accordance with EU-law as per

- DIN 51517-3

### Advantages

- Excellent load carrying capacity and micropitting performance
- Very good anti wear properties
- Excellent water separation properties
- Very good corrosion protection
- High thermal stability and oxidation resistance

### Recommendation

-Meets the CLP requirements according to DIN 51517-3 -Meets the ISO 12925-1 Type CKD specification



## Typical characteristics

Property	Method	Unit	Value
Density at 15 °C	ASTM D-7042	g/ml	0.848
Kinematic viscosity KV 40	ASTM D-7042	mm <sup>2</sup> /s	320
Viscosity index	ASTM D2270	-	171
Pour point	ASTM D-97 / DIN EN ISO 3016	°C	-36
Copper corrosion 100 A3	DIN 51759	Ranking	1
Steel corrosion, A=distilled water	DIN 51585	Ranking	0-A
FZG A/8.3/90 (min)	DIN 51354/2	SKS	>12
Flash point COC	DIN ISO 2592	°C	>240

These characteristics are typical for current production. The data does not constitute an assurance of properties or a guarantee of suitability for a specific application. Existing legal provisions and regulations that affect handling and usage of the products must be observed by the recipient of our products. ROWE products are continuously being developed. For this reason, ROWE retains the right to change all technical data in this product information at any time without prior announcement. Our current General Delivery and Payment Conditions apply ([www.rowe-oil.com](http://www.rowe-oil.com)).

