

HIGHTEC CLP 220 SYNTH

High - performance synthetic Industrial Gear Oil

Description

HIGHTEC CLP 220 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 220 SYNTH is formulated to have excellent load carrying capacity and micropitting performance providing long component life even under shock loading conditions. HIGHTEC CLP 220 SYNTH also have excellent corrosion protection, even in the presence of contamination by water and solids.

HIGHTEC CLP 220 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 220 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 220 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

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

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



Typical characteristics

Property	Method	Unit	Value
Density at 15 °C	ASTM D-7042	g/ml	0.85
Kinematic viscosity KV 40	ASTM D-7042	mm ² /s	220
Viscosity index	ASTM D2270	-	145
Flash point	ASTM D-92 / DIN EN ISO 2592	°C	>230
Pour point	ASTM D-97 / DIN EN ISO 3016	°C	-30
Copper corrosion 100 A3	DIN 51759	Ranking	1
FZG A/8.3/90 (min)	DIN 51354/2	SKS	>12
Steel corrosion	DIN 51 585 A	Ranking	0-A

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).

