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RAVENOL Getriebeöl PAO CLP 220

RAVENOL Getriebeöl PAO CLP 220 is premium performance, extreme pressure lubricant designed for enclosed industrial gears and bearings operating under severe load conditions and in wide extremes of temperature.
RAVENOL Getriebeöl PAO CLP 220 is formulated using PAO synthetic base oils and additive
technologies to deliver excellent wear properties, outstanding extreme temperature performance for extended component and fluid life.
RAVENOL Getriebeöl PAO CLP 220 enhances gear box efficiency over a wide temperature range and can reduce power consumption.

Application Notes

RAVENOL Getriebeöl PAO CLP 220 is recommended for enclosed industrial gear drives and bearings particularly where they are operated under heavy duty conditions such as heavy loading, slow speed, shock loads and in wide extremes of temperature.

The tough oil film of **RAVENOL Getriebeöl PAO CLP 220** and low coefficient of friction save energy in gearboxes. The high viscosity index of **RAVENOL Getriebeöl PAO CLP 220** means they retain their viscosity at high operating temperatures. This often allows the use of a lower ISO grade than with conventional gear oil resulting in even greater energy savings.

RAVENOL Getriebeöl PAO CLP 220 is designed to combat these conditions and will run cooler while

maintaining a high lubricant film strength. For gearboxes that operate outdoors, **RAVENOL Getriebeöl PAO CLP 220** is capable of operating at temperatures as low as -30°C or below.

When converting a gearbox to **RAVENOL Getriebeöl PAO CLP 220**, it is recommended to be cleaned and flushed first to gain the full benefit of the product.

RAVENOL Getriebeöl PAO CLP 220 is compatible with mineral oils, polyalphaolefin lubricants and most seal materials except natural rubber.

RAVENOL Getriebeöl PAO CLP 220 operates over the temperature range from -30°C to 121°C.

Quality Classifications

RAVENOL Getriebeöl PAO CLP 220 corresponds to:

Specifications

DIN 51 517 Part 3, US Steel 224, AGMA 9005-D94, Cincinnati Milacron, Clean Panel Coker, S-200 Oxidation Tubes

Characteristic

RAVENOL Getriebeöl PAO CLP 220 offers:

- Extends equipment life
- Designed to protect equipment being operated under tough high load conditions
- Improves operating reliability over a wide range of gearbox loads
- Better film strength and extreme pressure properties than the leading global competitor synthetic for extended gear and bearing life
- Reduces likelihood of seizure, scuffing or spalling of gear teeth and bearings under high load conditions
- Synthetic formulation reduces friction, Energy efficient over a wide temperature range
- Excellent extreme temperature performance protects your equipment in the most extreme temperature conditions
- Wider range of service temperatures with high Viscosity Index (VI) for a wide temperature range
- Protects against water damage provides excellent resistance to rust and copper corrosion

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Characteristics	Unit	Data	Audit
Colour		hellgelb	visual
Density at 20°C	kg/m³	850	EN ISO 12185
Viscosity at 40°C	mm²/s	215,0	DIN 51 562
Viscosity at 100°C	mm²/s	31,4	DIN 51 562
Viscosity index VI		193	DIN ISO 2909
Flash point (COC)	°C	262	DIN ISO 2592
Pourpoint	°C	-54	DIN ISO 3016
Corrosion check with copper strips	3h bei 100°C	1a	ASTM D130

All indicated data are approximate values and are subject to the commercial

fluctuations.