

CHAMPION EP GEAR SYN PAO 220

High performance synthetic industrial gear oil using a novel extreme pressure system meeting the requirements of 3 key industrial gear OEM's (Flender, SEW and ZF).

It offers outstanding protection in shock load situations, hence extending the lifetime of gearbox components.

APPLICATIONS

This synthetic industrial gear oil is suitable for a broad range of industrial gearboxes including cement and steel mills.

Especially developed for energy and power generation where severe operating conditions exist.

FEATURES

Extreme pressure properties: superior extreme pressure and anti-wear performance.

Thermal and oxidative stability: adequate protection of systems.

Material compatibility: excellent compatibility with both seals and paints.

SPECIFICATIONS

AGMA	9005-F16	ISO	12925-1 CKD
AIST	224	ISO	6743-6
DIN	51517 CLP	SEW	07 004 05 13
DIN	51517 Part 3	ZF	ZFN-W17-145
FLENDER	AS 7300	DAVID BROWN	S1.53.101E
GB	5903 CKD	ZF	TE-ML 27F

TYPICAL CHARACTERISTICS

Test	Method	Unit	Average results
Color	ASTM D1500		yellow
Density at 15°C	ASTM D4052	g/ml	0.854
Kinematic viscosity at 40°C	ASTM D445	mm ² /s	212
Kinematic viscosity at 100°C	ASTM D445	mm ² /s	30.0
Viscosity index	ASTM D2270		183
A.N. [Colorimetric]	ASTM D974	mg KOH/g	0.41
Pour point	ASTM D6892	°C	-42
Flash Point COC	ASTM D92	°C	240
FZG, Load Carrying A/8.3/90	ISO 14635-1		>14

We reserve the right to alter the general characteristics of our products in order to let our customers benefit of the latest technical evolutions.

CHAMPION CHEMICALS NV

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