

# CHAMPION EP GEAR OIL

## ISO 320

This is an extreme pressure oil for industrial gears. The paraffinic character of the base oil ensures an excellent course of the viscosity/temperature curve and a high resistance against oxidation and ageing. The favorable property of mineral base oil is further strengthened by the addition of appropriate additives. The high pressure additives based on sulfur and phosphorus compounds form a chemical film on tooth surfaces and as such prevents wear and a noticeable reduction in friction. Special anti-corrosion and anti-foam additives complete the composition of this oil.

### KÄYTTÖKOHTEET

This oil is recommended for the lubrication of gearboxes (lubrication by oil bath, oil mist or oil circulation) and it is specifically suitable for heavy loads and high temperature.

### OMINAISUUDET

Extreme pressure properties: superior EP properties  
Anti-wear and oxidation stability: adequate protection of systems

### LUOKITUKSET

<b>AGMA</b>	9005-E02	<b>DIN</b>	51517 CLP
<b>AISE</b>	224	<b>DAVID BROWN</b>	S1.53.101E

### TYYPILLISET OMINAISUUDET

Testi	Menetelmä	Yksikkö	Keskimääräinen tulos
Tiheys lämpötilassa 15 °C	ASTM D4052	g/ml	0.900
Kinemaattinen viskositeetti lämpötilassa 40 °C	ASTM D445	mm <sup>2</sup> /s	330
Kinemaattinen viskositeetti lämpötilassa 100 °C	ASTM D445	mm <sup>2</sup> /s	24.2
Viskositeetti-indeksi	ASTM D2270		94
A.N. [kolorimetrinen]	ASTM D974	mg KOH/g	0.38
Jähmepiste	ASTM D6892	°C	-21
Leimahduspiste [COC]	ASTM D92	°C	255
F Z G -testi	DIN 51354		12

Pidätämme oikeuden muuttaa tuotteidemme yleisominaisuuksia, jotta asiakkaamme voivat hyödyntää uusimpia teknisiä uudistuksiamme.

#### CHAMPION CHEMICALS NV

G. Gilliatstraat 52 - 2620 Hemiksem - Belgium  
Tel. +32 3 870 00 00  
[www.championlubes.com](http://www.championlubes.com)

