



*LUBRICANTS FOR*

**INDUSTRIAL GEARS  
AND WIND POWER GEAR BOXES**



*Your world, more efficient.*

## WIND POWER



### CEPSA AEROGEAR SYNT 320

A 100% synthetic oil with a high durability PAO/ester base formulated with sulphur-phosphorous extreme pressure additives. Recommended for wind turbine gear boxes of all sizes and power ratings, whether installed on-shore or off-shore and in extreme temperature and humidity conditions. Recommended for all types of heavily loaded industrial gears operating at low speeds where there is a risk of micro-pitting.

#### APPROVALS

DIN 51517 Part 3 (CLP) / ISO 12925-1 Type CKC/CKD/CKS/CKT / AIST 224 / AGMA 9005-F16 Anti-Scuff / SIEMENS FLENDER AG Rev.15 / GAMESA / FAG / DAVID BROWN S1.53.106 / ACCIONA ENERGÍA / WINERGY / SKF / FIVES CINCINNATI P-59 / BOSCH-REXROTH / IBERDROLA-Óleo Project / Hansen Industrial Transmissions

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### CEPSA AEROGEAR 320

High-performance lubricating oil formulated with sulphur-phosphorous extreme pressure additives recommended for wind turbine gear boxes of all sizes and power ratings. Recommended for heavily-loaded industrial gears operating at low speeds where there is a risk of micro-pitting.

#### APPROVALS

DIN 51517 Part 3 (CLP) / ISO 12925-1 Type CKC/CKD / MÜLLER WEINGARTEN / AGMA 9005-F16 Anti-Scuff / DAVID BROWN S1.53.101 Type E / FIVES CINCINNATI P-59 / AIST 224 / SIEMENS FLENDER AG Rev. 15

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## INDUSTRIAL



### CEPSA ENGRANAJES XMP

Lubricant oil formulated with very high-quality base oils and extreme pressure additives, developed for all kinds of industrial gears in steel housing under severe operating conditions where there is a risk of wear due to micro-pitting.

#### APPROVALS

DIN 51517 Part 3 CLP / ISO 12925-1 Type CKC/CKD / AGMA 9005-F16 Anti-Scuff / AIST 224 / DAVID BROWN S1.53.101 Type E / FIVES CINCINNATI P-Specs / MÜLLER WEINGARTEN / SIEMENS FLENDER AG Rev. 15  
ISO grades available: 220, 320 and 460

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### CEPSA ENGRANAJES HPX

A 100% synthetic high-performance oil formulated with polyalphaolefin (PAO) base that provides excellent performance in all types of closed crankshaft gears and under severe service conditions, operating under heavy loads and at low speeds. Especially recommended for long oil-change intervals and where there is a risk of wear due to micro-pitting.

#### APPROVALS

DIN 51517 Part 3 CLP / ISO 12925-1 Type CKC/CKD/CKS / AGMA 9005-F16 Anti-Scuff / AIST 224 / DAVID BROWN S1.53.106 / FIVES CINCINNATI P-Specs  
ISO grades available: 150, 220, 320 and 460

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## CEPSA ENGRANAJES HPS

A 100% synthetic high-performance oil with a polyalkylene glycol (PAG) base developed for lubricating gears under the harshest service conditions, allowing steady service at temperatures ranging from -30°C to 200°C. The minimal energy loss thanks to its very low friction co-efficient and high thermal transfer rate makes it especially recommended for lubricating worm-gear reducers.

### APPROVALS

DIN 51517 Part 3 CLP / ISO 12925-1 Type CKC/CKD/CKS / AIST 224 / FIVES CINCINNATI P-Specs  
ISO grades available: 150, 220, 320 and 460

## CEPSA ENGRANAJES HP

Oil recommended for the lubrication of all types of industrial-use enclosed reduction gears operating under severe service conditions. Especially recommended for lubrication of gears working under loads with combinations of shock, high pressure and shearing.

### APPROVALS

DIN 51517 Part 3 CLP / ISO 12925-1 Type CKC/CKD / AGMA 9005-F16 Anti-Scuff / AIST 224 / DAVID BROWN S1.53.101 Type E / FIVES CINCINNATI P-Specs / IBERCISA (ISO 220 y 320)  
ISO grades available: 68, 100, 150, 220, 320, 460 and 680

## PRODUCT SUMMARY

LUBRICANT	SHELF LIFE	TEMPERATURE RANGE	EQUIPMENT PROTECTION
CEPSA ENGRANAJES HP	☹☹	☹☹	☹☹☹
CEPSA ENGRANAJES XMP	☹☹☹	☹☹	☹☹☹☹
CEPSA ENGRANAJES HPX	☹☹☹☹	☹☹☹☹	☹☹☹☹
CEPSA ENGRANAJES HPS	☹☹☹☹☹	☹☹☹☹☹	☹☹☹☹☹
CEPSA AEROGEAR 320	☹☹☹	☹☹☹	☹☹☹☹
CEPSA AEROGEAR SYNT 320	☹☹☹☹☹	☹☹☹☹	☹☹☹☹☹

