



IPT International Petroleum Trading LTD  
Robert-Bosch-Strasse 12  
25335 Elmshorn  
Company registration number: HRB 13315 PI  
Sales tax identification number: DE313987910  
**E-mailadress:** [contact@tippoil.com](mailto:contact@tippoil.com)  
**Website:** [www.tippoil.com](http://www.tippoil.com)  
Tel: +4923036728527

product certificate TIP-OIL FS PAO CLP 320

Description of the

A very stable high-pressure absorbency under shock loads

Excellent cold behaviour

A low pour point

Excellent wear protection

Excellent rust and corrosion protection

A low foam formation

application notes

TIPP-OIL FS PAO CLP 320 can be used in almost all industrial gear units that require a synthetic CLP gear oil according to DIN 51517 Part 3. Heavy-duty gear units can be reliably lubricated even at temperatures of up to 150 °C, while at the same time providing corrosion protection for components containing non-ferrous metals.

Classification

specifications

DIN 51517 part 3



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TIPP-OIL FS PAO CLP 320 is proven in practice and tested in units with filling regulations:

AGMA 9005-D94

Cincinnati Milacron

Clean Panel Coker

S-200 Oxidation Tubes

US Steel 224

#### Features & Benefits

TIPP-OIL FS PAO CLP 320 is manufactured on the basis of fully synthetic oils and proven additives. Due to its special combination of active ingredients, a stable high-pressure absorbcency is achieved under shock loads.

Thanks to its balanced formulation, TIPP-OIL FS PAO CLP 320 offers a stable and protective lubricating film both at extreme low and high temperatures.

#### Technical characteristics

Properties Data Unit Test according to

kinematic viscosity at 40°C 321 MM<sup>2</sup>/S DIN ISO 51562-2

viscosity index 201 DIN ISO 2909

appearance YELLOW visual

density at 15°C 855 KG/M<sup>3</sup> DIN EN ISO 12185

Pour Point -54 CELSIUS ASTM D 7346



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All data given are approximate values and are subject to the usual production fluctuations.

To the best of our knowledge, all data correspond to the current state of knowledge and our development. We reserve the right to make changes. All references to DIN standards are for product description purposes only and do not constitute a guarantee. In the event of any problems, request technical advice.

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