



IPT International Petroleum Trading LTD  
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product certificate

TIPP-OIL Gear Extra 80W-90 GL-5 0002-000202

Description of the

TIPP-OIL Gear Extra 80W-90 GL-5 is a hypoid gear oil based on mineral oil with special High pressure additives for manual gearboxes. Optimum gear lubrication in all temperature ranges is guaranteed by the high pressure absorption capacity.

TIPP-OIL Gear Extra 80W-90 GL-5 provides a stable oil film for lubrication even under extreme conditions. It reduces friction and prevents wear and corrosion.

Instructions for use

TIPP-OIL Gear Extra 80W-90 GL-5 can be used in both winter and summer operation.

Its universal applicability reduces the risk of mix-ups and simplifies the

Storage. Due to the balanced additive combination, properties such as high

Pressure absorption capacity, above-average viscosity-temperature behaviour, high oxidation stability, low pour points, good wear protection and freedom from sludge guaranteed.

Quality Classification

Specifications API GL-5

TIPP-OIL Gear Extra 80W-90 GL-5 is field-proven and tested in units with filling regulations:

MAN 342 M1, 342 M2

NATO O-226

ZF 05A, 07A, 08, 12E, 16B-D, 17B, 19B, 21A



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SAE J2360

SCANIA STO 1:0

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#### Properties

Very good oxidation stability

Good age stability

Excellent viscosity-temperature behaviour

wear protection

protection against rust & corrosion , attack on non-ferrous metals

#### Technical characteristics

Properties Data Unit Test according to

kinematic viscosity at 100°C 14.12 MM<sup>2</sup>/S DIN ISO 51562-2

viscosity index 100 DIN ISO 2909

appearance YELLOW visual

density at 15°C 889,8 KG/M<sup>3</sup> DIN EN ISO 12185

Pour Point -33 °C ASTM D 7346

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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