

## G-Profi GTS 5W-30

Heavy Duty Diesel Engine Oil



Turbocharged engine



Up to Euro 5



Exhaust Gas Recirculation



Selective Catalyst Reduction



Long drain capability



Improved low temperature performance



Energy conserving



Synthetic

G-Profi GTS 5W-30 is high performance diesel engine oil provides outstanding protection and fuel economy to modern, high performance diesel engines used in severe on and off-highway applications. High performance synthetic base oils and an advanced additive system provide high level of protection to all parts of the engine. G-Profi GTS 5W-30 is engineered to provide long oil drain intervals and contribute to potential fuel economy improvement in modern diesel engines. This oil specially engineered to meet requirements of European manufacturers, including MB, MAN, Volvo, Renault, Scania.

### Applications



- Naturally aspirated and turbo-charged diesel powered equipment made by European manufacturers, including MB, MAN, Volvo, Deutz and where oil meeting ACEA E4/E7 are called for.
- Modern heavy-duty engines including those fitted with the latest exhaust emissions control systems. Not applicable for engines with DPF (Diesel Particulate Filter).
- On-highway heavy-duty trucking and off-highway modern equipment.

Features	Advantages and Potential Benefits
Advanced formulation	Potential fuel economy improvement
Excellent low temperature properties	Excellent pumpability and oil circulation and start-up wear protection to provide long engine life
Excellent anti-wear properties and corrosion protection	Less wear and cleaner engine helps to promote long engine life
Extended TBN reserve	Long-term deposit control to extend oil drain potential
Stay-in-grade shear stability	Reduced viscosity breakdown under high temperature operating conditions
High dispersant properties	Outstanding protection against oil thickening for long drain intervals

### Meets the requirements

- ACEA E4/E7
- Cummins CES 20077
- DAF Extended Drain
- Deutz DQC IV
- Ford WSS-M2C212-A1
- Iveco 18-1804 TFE
- MACK EO-M Plus
- MB 235.28
- MTU Cat. 3
- Renault Trucks RXD
- Scania LDF-3 (corresponding to specification is verified)
- Voith Retarder Oil Class B

### Approvals

- MACK EO-N
- MAN M 3277
- MB 228.5
- Renault Trucks RLD-2
- Volvo VDS-3

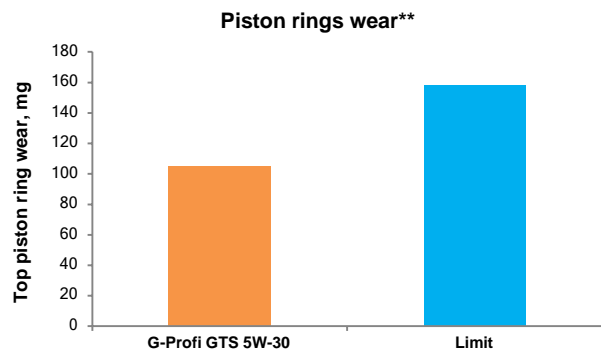
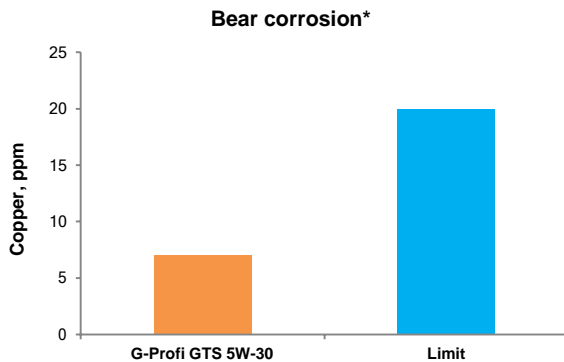
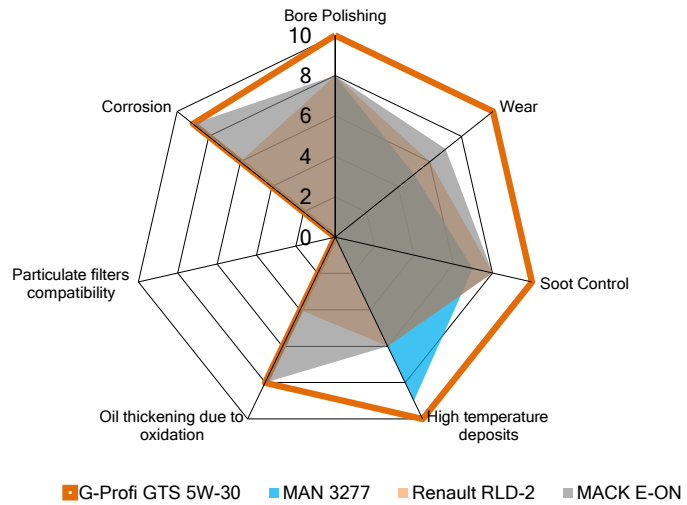
## Typical Characteristics

Properties	Method	G-Profi GTS 5W-30
SAE Viscosity Grade	SAE J300	5W-30
Kinematic Viscosity @ 40°C, mm <sup>2</sup> /s	ASTM D445	72,0
Kinematic Viscosity @ 100°C, mm <sup>2</sup> /s	ASTM D445	12,1
Viscosity Index	ASTM D2270	166
CCS @-25 °C, mPa·s	ASTM D5293	6500
Flash Point (COC), °C	ASTM D92	231
Pour Point, °C	ASTM D97	-42
Density @15°C, kg/m <sup>3</sup>	ASTM D4052	859
Total Base Number, mg KOH/g	ASTM D2896	15,0

**G-Profi GTS 5W-30** engineered to meet or exceed the requirements of many leading industry and car manufacturers' standards.

**G-Profi GTS 5W-30** outperform following standards:

- MAN M 3277
  - deposits control 12% better
  - improved oxidation stability
- Renault RLD-2
  - bore polishing 25% lower
  - better corrosion protection
- MACK EO-N
  - soot thickening 25% lower
  - better wear protection



\* ASTM D6594; \*\* Mack T10

## Health, Safety & Environment

Information is provided for products in the relevant Safety Data Sheet (SDS). This provides guidance on potential hazards, precautions and first-aid measures, together with environmental effects and disposal of used products. SDS's are available upon request through your sales contract office. This product should not be used for purposes other than its intended use.