

G-Profi GTS 10W-40



Turbocharged engines



Euro-5 and lower



Long drain interval capable



Synthetic technology base oil



High and stable TBN



Exhaust Gas Recirculation



Selective Catalytic Reduction



High-temperature deposits protection

G-Profi GTS 10W-40 is all-season synthetic-based UHPD (Ultra High Performance Diesel) engine oil. Designed for heavy-duty diesel engines of on-road and off-road vehicles produced by European and other manufacturers. Compatible with Euro-5 and lower tier engines, equipped with EGR, SCR systems. Not recommended for engines, equipped with DPF. Formulated to satisfy and outperform the requirements of European truck manufacturers, including Scania (up to Euro-6 tier engines), MB, MAN, Volvo, Renault.

Application



- For on-road (heavy duty trucks, buses, etc.) and off-road (agricultural, mining, construction, etc.) vehicles, produced by European and other manufacturers.
- UHPD heavy-duty Euro-5 tier engines, requiring ACEA E4/E7 engine oils.
- Compatible with EGR- and SCR-equipped engines.
- Heavy-duty diesel engines Scania (including Euro-6).
- Not recommended for DPF-equipped engines.

Features/Potential benefits

Adaptive additive technology of **G-Profi GTS 10W-40** provides high engine performance in all working conditions:

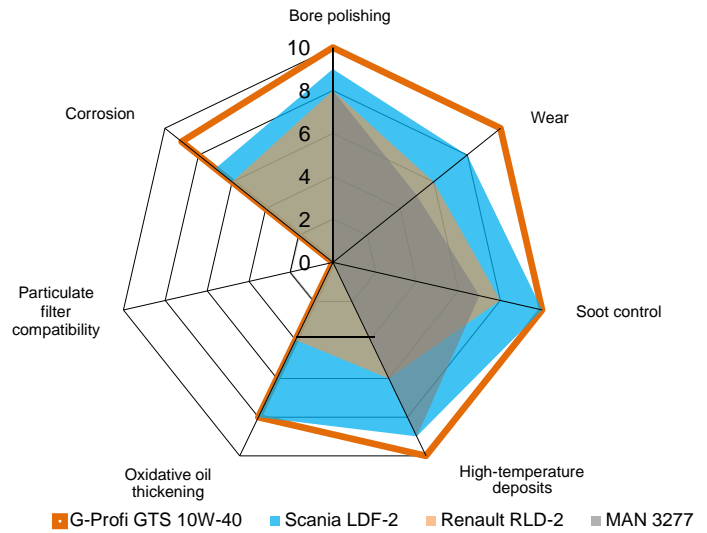
Features	Advantages/Potential benefits
High and stable TBN reserve	Extended drain interval capability – lubricants cost reduction
Extra-high detergency	Engine deposits reduction – lower risk of unexpected equipment failures
Excellent wear protection	Effective wear protection of engine parts in all operating modes – engine life maximization
Excellent high-temperature stability	Slower oil degradation – oil drain interval maximization
Stay-in-grade shear stability	Stable engine oil pressure and lubrication – engine life preservation

Typical characteristics

Properties	Value	Method
Kinematic Viscosity, mm ² /s at 40 °C	92,3	ASTM D 445
at 100 °C	14,1	ASTM D 445
Viscosity Index	157	ASTM D 2270
Dynamic Viscosity (CCS) at -25 °C, mPa*s	6000	ASTM D 5293
Flash Point (COC), °C	230	ASTM D 92
Pour Point, °C	-38	ASTM D 97
Density at 15 °C, kg/m ³	866	ASTM D 1298
Total Base Number, mg KOH/g	16,0	ASTM D 2896

G-Profi GTS 10W-40 designed to satisfy and outperform the requirements of main equipment manufacturers:

- Scania LDF-2
 - 21% less wear;
 - 18% better corrosion protection;
- Renault RLD-2
 - 25% less bore polishing;
 - better soot control;
- MAN 3277
 - 12% less high-temperature deposits;
 - much better oxidation stability.



Approvals

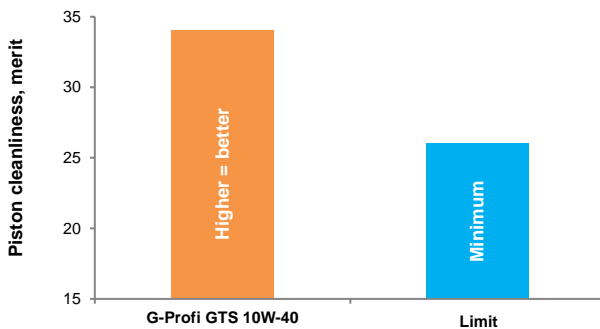
- MB-Approval 228.5
- MAN M 3277
- Volvo VDS-3
- Renault Trucks RLD-2
- Mack EO-N

Specifications

- ACEA E4/E7
- Deutz DQC III-18
- Cummins CES 20072
- DAF Extended Drain
- Renault Trucks RD-2/RLD
- MTU Cat. 3
- Scania LDF 3 (corresponding to specification is verified)

G-Profi GTS 10W-40 outperforms the requirements of main specifications according to the tests:

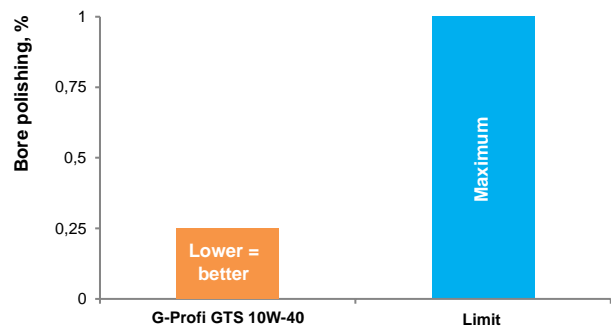
High-temperature deposits reduction*



High TBN potential helps to protect engine parts from high-temperature deposits, lowering the risk of unexpected failures.

*Test CEC L-101-08 (OM501LA)

Wear protection*



Improved wear protection for details helps to preserve the engine life and reduce repair cost.

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.

Certified:

ISO 9001



ISO 14001



ISO/TS 16949



ISO 45001

