

## G-Profi GT LA 10W-40



Turbocharged engines



Euro-6 and lower



Long life of catalytic neutralizers



Diesel Particulate Filter



Exhaust Gas Recirculation



Selective Catalytic Reduction



Compressed natural gas engines



Synthetic technology base oil

**G-Profi GT LA 10W-40** is all-season, extra high performance diesel engine oil engineered to promote protection for high output, low emission engines used in severe conditions. It is formulated with synthetic technology base oils and modern technology additives to provide outstanding resistance to oxidation, wear, high and low temperature deposits and oil evaporation. The advanced low SAPS additive technology delivers exceptional performance of full SAPS lubricants and meets the requirements of ACEA E4, E6, E7, E9, MB, MAN, Volvo, Renault, Scania, Cummins, Caterpillar, etc. G-Profi GT LA 10W-40 helps to extend engine life while providing long drain interval capability and protection of the latest emission reduction systems. It can be used in Euro-6 and lower tier engines, helping to optimize the storage space.

### Application



- For on-road (heavy duty trucks, buses, etc.) and off-road (agricultural, mining, construction, etc.) machinery produced by European, Asian, American companies.
- Modern low emission heavy-duty Euro-5 and 6 class engines, requiring ACEA E4, E6, E7, E9 or API CK-4 engine oils.
- Suitable for some Compressed Natural Gas (Methane) engines.
- Compatible with all modern emission reduction systems.

### Features/Potential benefits

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

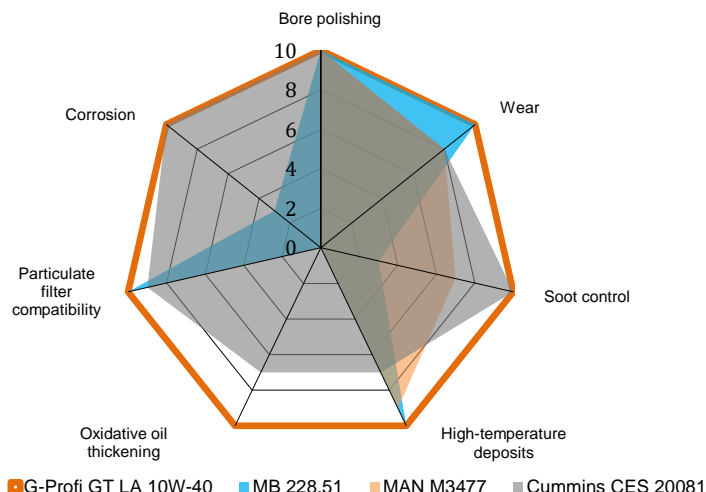
Features	Advantages/Potential benefits
Low-SAPS technology	Low Sulphur, Phosphorus, Ash content – extended life of Diesel Particulate Filters and catalytic converters
Advanced detergency	Long drain intervals compatibility – lowering the lubricants expenses
Great anti-wear properties	Effective wear protection of engine parts in all operating modes – reducing the repair costs
High dispersant activity	Minimization of soot activity on engine parts – lower risk of unexpected equipment failures
Wide application range	Suitable in diesel and gas fueled engines – storage space unification

### Typical characteristics

Properties	Value	Method
Kinematic Viscosity, mm <sup>2</sup> /s:		
at 40 °C	93,0	ASTM D 445
at 100 °C	14,1	ASTM D 445
Viscosity Index	156	ASTM D 2270
Dynamic Viscosity (CCS) at -25 °C, mPa*s	5800	ASTM D 5293
Flash Point (COC), °C	249	ASTM D 92
Pour Point, °C	-37	ASTM D 97
Density at 15 °C, kg/m <sup>3</sup>	862	ASTM D 4052
Total Base Number, mg KOH/g	13	ASTM D 2896

**G-Profi GT LA 10W-40** designed to satisfy and outperform the requirements of main equipment producers:

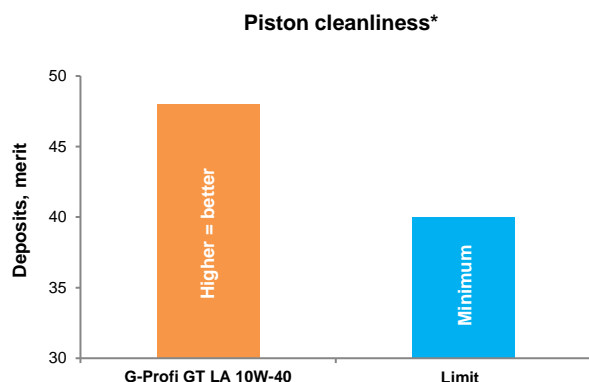
- MB 228.51
  - higher corrosion protection
  - better soot control;
- MAN 3477
  - higher wear protection;
  - better deposits reduction;
- Cummins CES 20081
  - great wear protection;
  - less high temperature deposits.



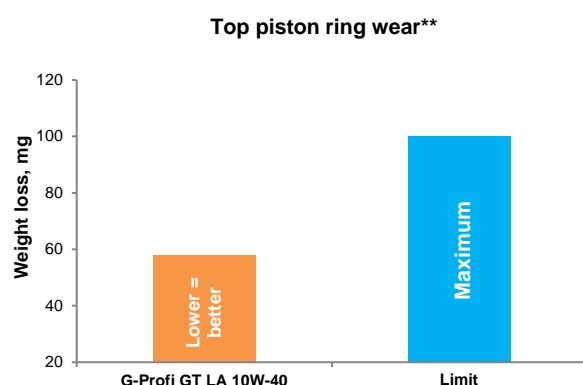
### Specifications

- ACEA E4, E6, E7, E9
- API CK-4, CJ-4
- Caterpillar ECF-3
- Cummins CES 20086/81
- DAF Extended Drain
- Detroit Diesel DDC 93K222
- Deutz DQC IV-18 LA
- JASO DH-2
- MACK EO-O PP, EOS-4.5
- MAN M3775, M3477, M3271-1
- MB 228.52, 228.51, 228.31
- MTU Cat.3.1, 2.1
- Renault Trucks RLD-3
- Volvo VDS-4.5, VDS-4
- Scania Low Ash (corresponding to specification is verified)

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



G-Profi GT LA 10W-40 has great detergency and anti-oxidation properties. Lower high temperature deposits – lower risk of piston ring sticking.



G-Profi GT LA 10W-40 has good performance in anti-wear protection. Engine life preservation and extension.

\* Volvo D12D test; \*\* Corrosion ASTM D7468 (Cummins ISM) test

### 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 45001

