

G-Profi GT 5W-30, 10W-40



Turbocharged engines



Euro-5 and lower



Exhaust Gas Recirculation



Selective Catalytic Reduction



Long drain interval compatible



High-temperature deposits protection



Bore-polishing protection



Synthetic technology base oil

G-Profi GT 5W-30, 10W-40 – all-season, synthetic-based UHPD (Ultra High Performance Diesel) engine oils, compatible with long drain intervals. Recommended for use in heavy-duty Euro-5 and lower tier diesel engines of on-road and off-road vehicles produced by European and other companies. Not recommended for engines equipped with Diesel Particulate Filters (DPF). Formulated to satisfy and outperform the requirements of European truck manufacturers, including MB, MAN, Volvo, Deutz.

Application



- For on-road (heavy duty trucks, buses, etc.) and off-road (agricultural, mining, construction, etc.) machinery 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.
- Not recommended for DPF-equipped engines.

Features/Potential benefits

Adaptive additive technology of G-Profi GT products provides high engine performance in all working conditions:

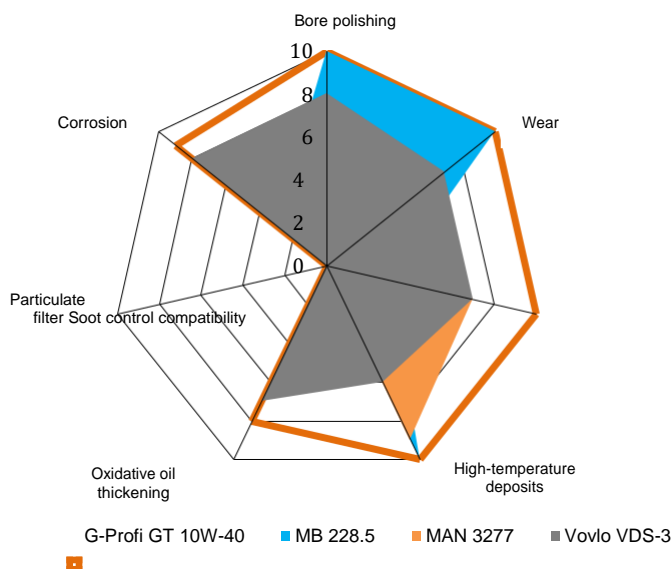
Features	Advantages/Potential benefits
Extended TBN reserve	Less deposits in engine – lower risk of unexpected equipment failures
Great anti-wear properties	Effective wear protection of engine parts in all operating modes – reduced repair and maintenance costs
Excellent high-temperature resistance	Capability of long drain intervals – reduced lubricants cost
Advanced dispersant technology	Better soot control – stable engine oil pressure
Excellent corrosion protection	Journal bearings are untouched by acids – reduced maintenance cost

Typical characteristics

Properties	5W-30	10W-40	Method
Kinematic Viscosity, mm ² /s			
at 40 °C	72,1	97,3	ASTM D 445
at 100 °C	12,1	14,6	ASTM D 445
Viscosity Index	166	155	ASTM D 2270
Dynamic Viscosity (CCS) at -30/-25 °C, mPa*s	6000	6400	ASTM D 5293
Flash Point (COC), °C	236	223	ASTM D 92
Pour Point, °C	-45	-42	ASTM D 97
Density at 15 °C, kg/m ³	852	865	ASTM D 4052
Total Base Number, mg KOH/g	15	15	ASTM D 2896
Sulphated Ash, % wt.	1,3	1,4	ASTM D 874

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

- MB 228.5
 - better soot control;
 - better corrosion protection;
- MAN 3277
 - 25% reduced bore polishing;
 - better wear protection;
- Volvo VDS-3
 - much better soot control;
 - 15% higher oxidation stability.



**Approvals:
10W-40**

- API CI-4
- MB-Approval 228.5;
- MAN M 3277/ M 3377;
- MACK EO-N;
- Volvo VDS-3; Deutz DQC IV;
- Renault Trucks RLD-2; MTU Cat.3
- Cummins CES 20078
- OJSC "Autodiesel" (YaMZ); OJSC "TMZ"

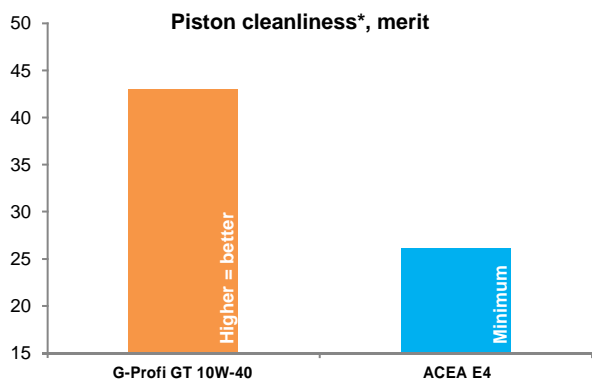
**Specifications:
10W-40**

- ACEA E4/E7
- MACK EO-M Plus; Global DHD-1;
- Detroit Diesel DDC 93K215; Renault Trucks RXD; Komatsu

5W-30

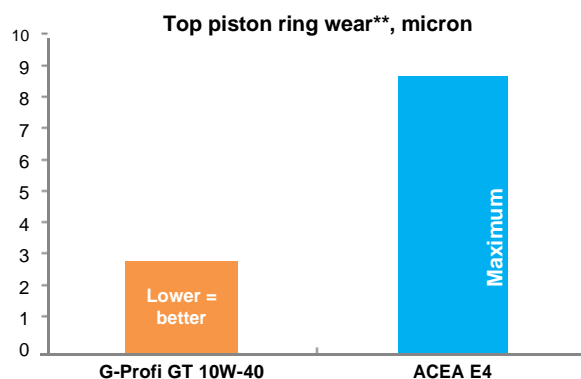
- ACEA E4/E7; API CI-4
- MB 228.5; MAN M 3277/ M 3377; Deutz DQC IV; Volvo VDS-3;
- MACK EO-N; MTU Cat.3; Cummins CES 20078;
- Global DHD-1; JASO DH-1; Renault Trucks RLD-2

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



Excellent detergency maintains the low level of deposits – lower risk of unexpected equipment failures.

* Test OM501LA (CEC L-101-09); ** Test OM646LA (CEC L-99-08)



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



While the information and figures given here are typical of current production and conform to specification, minor variations may occur. The information contained is subject to change without notice. G-Profi accept no liability for any damage or loss resulting from using the product in purposes other than it intended, from any failure to comply with the recommendations or from hazards inherent in the nature of the material. If you require any further information please consult our technical helpdesk 08/2021