

G-Profi MSK 10W-30

Heavy Duty Diesel Engine Oil



Synthetic technology



Energy conserving



Exhaust Gas Recirculation



Selective Catalyst Reduction



Diesel Particulate Filter



Lower ash additive technology



Euro 6

G-Profi MSK 10W-30 is high-performance heavy-duty diesel engine oil that combines advanced engine protection for modern low emissions vehicles with fuel economy potential, engine durability, emissions system protection and extended drain capability. G-Profi MSK 10W-30 designed for diesel-powered commercial vehicles for both on- and off-highway use in industries such as transportation, mining, construction and agriculture. G-Profi MSK 10W-30 meets broad range of industry and manufacturer specifications from around the world.

Applications



- Most engine generations up to the latest high performance diesel engines with turbocharger, direct-injection and low-emission designs
- Modern heavy-duty engines fitted with the latest exhaust emissions control systems including those fitted with DPF (Diesel Particulate Filter) and DOC (Diesel Oxidation Catalyst)
- Virtually all diesel-powered equipment from American and European builders
- On-highway light and heavy-duty trucking and off-highway modern equipment

Features	Advantages and Potential Benefits
Lower ash, sulfur and phosphorous levels	Helps to protect exhaust aftertreatment devices and maintain vehicle emission compliance
Advanced formulation	Enhanced fuel economy potential
Excellent low temperature properties	Excellent pumpability, oil circulation and start-up wear protection at low ambient temperatures
Excellent anti-wear properties and corrosion protection	Less wear and cleaner engine helps to promote long engine life
Outstanding thermal and oxidation stability	Protection against high temperature deposits and smooth engine operation

Approvals

- API CK-4
- Mack EOS-4.5
- Renault Trucks RLD-3
- Volvo VDS-4.5

Meets the requirements

- API CJ-4
- ACEA E7/E9
- MAN M 3575/M3775
- MB 228.31
- MTU Cat 2.1
- Mack EO-Premium Plus
- Cummins CES 20081/86
- Caterpillar ECF-2/ECF-3
- Volvo VDS-4
- Deutz DQC III-18LA
- Ford WSS-M2C171-F
- Detroit Diesel DDC 93K222/93K218

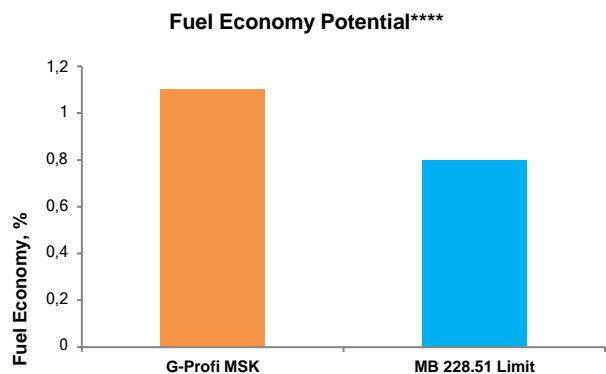
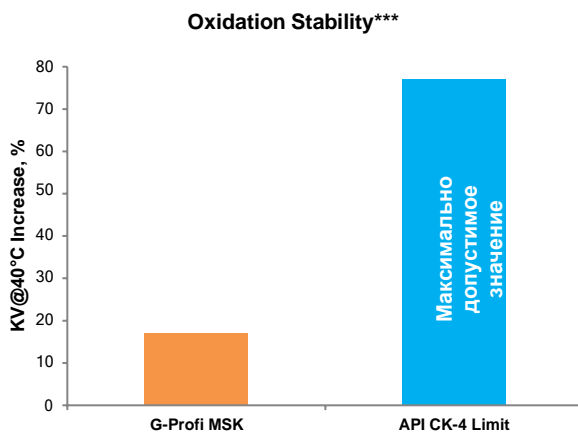
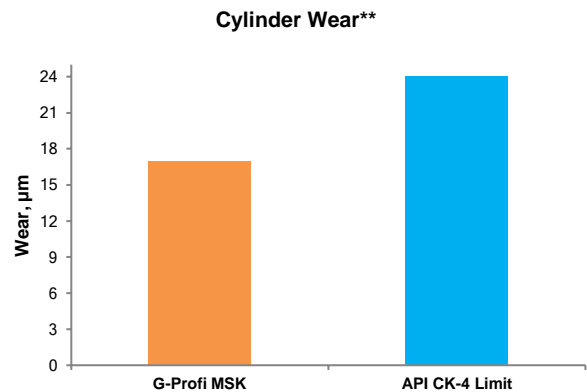
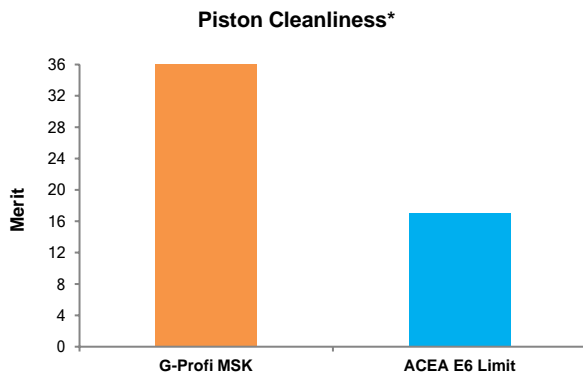
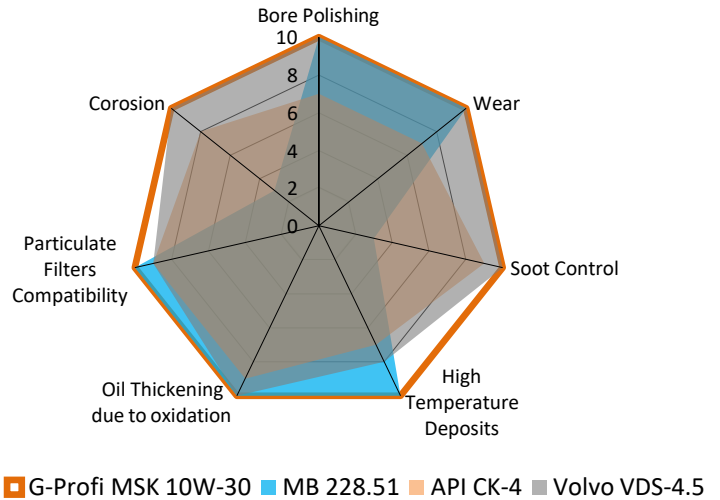
Typical Characteristics

Properties	Method	G-Profi MSK 10W-30
SAE Viscosity Grade	SAE J300	10W-30
Kinematic Viscosity @ 40°C, mm ² /s	ASTM D445	80,4
Kinematic Viscosity @ 100°C, mm ² /s	ASTM D445	11,8
Viscosity Index	ASTM D2270	140
MRV@-30°C, mPa·s	ASTM D5293	19500
Flash Point (COC), °C	ASTM D92	226
Pour Point, °C	ASTM D97	-41
Density @15°C, kg/m ³	ASTM D4052	866
Total Base Number, mg KOH/g	ASTM D2896	9,7

G-Profi MSK 10W-30 engineered to meet or exceed the requirements of many leading industry and car manufacturers' standards.

G-Profi MSK 10W-30 outperform following standards:

- MB 228.51
 - corrosion protection 3 times better
 - soot handling 3 times better
- API CK-4
 - wear protection 30% better
 - protection against cylinder liner polishing 30% better
- Volvo VDS-4.5
 - oxidation stability 20% better
 - exhaust systems devices protection 10% better



*OM501LA; **Mack T12; ***Volvo T-13; ****OM501 LA FE

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.