

G-Profi MSH 10W-40

Heavy Duty Diesel Engine Oil



Turbocharged engine



Up to Euro 3



Excellent TBN retention



Engine cleanliness



Semisynthetic
10W-40



Mineral base oil
15W-40

G-Profi MSH 10W-40 is high performance diesel engine oils that provide proven protection of diesel engines operating in severe conditions for both on and off-highway applications. G-Profi MSH 10W-40 use selective additive system to give excellent protection against wear, deposits and heat. G-Profi MSH 10W-40 is designed for diesel-powered commercial vehicles for both on- and off-highway applications.

Applications



- Wide range of turbocharged and non-turbocharged engines requiring API CH-4 performances and meeting Euro 3 emission standard
- Heavy duty diesel engines from European, US and Japanese manufacturers in heavy duty commercial vehicles, buses, trucks, plant and off-road agricultural, construction, mining equipment
- Gasoline engines where API SL (or lower) performance is required

Features	Advantages and Potential Benefits
Enhanced acid control system	Excellent performance additives help to protect against corrosion from acidic products formed as fuel burns
High dispersant properties	Outstanding protection against oil thickening for long drain intervals
Protection against wear	Excellent performance in both low and high temperature service.
High detergent properties	Less high temperature deposits formation to reduce maintenance costs
Shear stable	Stable viscosity index improver controls the viscosity of the oil throughout its service life for minimizing wear
Excellent corrosion protection	Cleaner engines and longer engine life

Meets the requirements:

- API CH-4/SL
- Deutz DQC II
- Komatsu
- MAN M 3275
- MB 228.3
- MTU Cat. 2
- Renault Trucks RD
- Renault Trucks RD-2
- Volvo VDS-2
- KAMAZ (approved)
- YaMZ (approved)

Typical Characteristics

Properties	G-Profi MSJ 10W-30	Properties
SAE Viscosity Grade	10W-40	SAE J300
Kinematic Viscosity @ 40°C, mm ² /s	101	ASTM D 445
@ 100°C, mm ² /s	14,6	ASTM D 445
Viscosity Index	150	ASTM D 2270
Flash Point (COC), °C	-234	ASTM D 92
Pour Point, °C	-36	ASTM D 97
Density @ 15°C, kg/m ³	875	ASTM D 4052
Total Base Number, mg KOH/g	9,7	ASTM D 2896
Sulphated Ash, wt%	1,3	ASTM D 874

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.

G-Profi MSH 15W-40

Heavy Duty Diesel Engine Oil



Turbocharged engine



Up to Euro 3



Excellent TBN retention



Engine cleanliness



Semisynthetic
10W-40



Mineral base oil
15W-40

G-Profi MSH 15W-40 is high performance diesel engine oils that provide proven protection of diesel engines operating in severe conditions for both on and off-highway applications. G-Profi MSH 15W-40 use selective additive system to give excellent protection against wear, deposits and heat. G-Profi MSH 15W-40 is designed for diesel-powered commercial vehicles for both on- and off-highway applications.

Applications



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Approvals:

- Deutz DQC II
- MAN M 3275-1
- MB 228.3
- MTU Cat. 2
- Renault Trucks RD/RD-2
- Volvo VDS-2
- KAMAZ
- YaMZ

Meets the requirements:

- API CH-4/SL
- ACEA E7
- Cummins CES 20076/20077
- Komatsu
- MACK EO-M Plus

Typical Characteristics

Properties	G-Profi MSH 15W-40	Properties
SAE Viscosity Grade	15W-40	SAE J300
Kinematic Viscosity @ 40°C, mm ² /s	118	ASTM D 445
@ 100°C, mm ² /s	15,0	ASTM D 445
Viscosity Index	132	ASTM D 2270
Flash Point (COC), °C	232	ASTM D 92
Pour Point, °C	-33	ASTM D 97
Density @ 15°C, kg/m ³	887	ASTM D 4052
Total Base Number, mg KOH/g	9,7	ASTM D 2896
Sulphated Ash, wt%	1,3	ASTM D 874

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