

## G-Profi MSJ 10W-30

Heavy Duty Diesel Engine Oil



Turbocharged engine



Euro 5, Euro 6



Exhaust Gas Recirculation



Selective Catalyst Reduction



Diesel Particulate Filter



Mid ash additive technology



Stay-in-grade shear stability



Semisynthetic

**G-Profi MSJ 10W-30** is heavy-duty diesel engine oil that combines advanced engine protection for modern low emissions vehicles with engine durability, emissions system protection and extended drain capability. G-Profi MSJ 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 MSJ 10W-30 meets broad range of industry and manufacturer specifications from around the world.

### Applications



- Naturally aspirated and turbo-charged diesel powered equipment made by European, American and Japanese manufacturers and where oil meeting ACEA E9 are called for
- Modern heavy-duty engines fitted with the latest exhaust emissions control systems including those fitted with DPF (Diesel Particulate Filter)
- 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 systems devices like those fitted with DPF
Excellent anti-wear properties and corrosion protection	Helps to promote long engine life
High dispersant properties	Outstanding protection against oil thickening for long drain intervals
Advanced soot handling	Protection against oil thickening to control filter pressure for long engine life
Stay-in-grade shear stability	Reduced viscosity breakdown under high temperature operating conditions

### Approvals:

- Cummins CES 20081
- MACK EO-O PP
- MAN M 3575
- Renault Trucks RLD-3
- Volvo VDS-4

### Meets the requirements:

- API CJ-4/SN (licensed)
- ACEA E9
- Caterpillar ECF-1a/ECF-2/ECF-3
- Deutz DQC III-LA
- MB 228.31
- MTU Cat. 2.1

## Typical characteristics

Properties	G-Profi MSJ 10W-30	Method
SAE Viscosity Grade	10W-30	
Kinematic Viscosity @ 40°C, mm <sup>2</sup> /s	79,6	ASTM D 445
@ 100°C, mm <sup>2</sup> /s	11,8	ASTM D 445
Viscosity Index	143	ASTM D 2270
Flash Point (COC), °C	230	ASTM D 92
Pour Point, °C	-39	ASTM D 97
Density @ 15°C, kg/m <sup>3</sup>	868	ASTM D 1298
Total Base Number, mg KOH/g	8,5	ASTM D 2896
Sulphated Ash, wt%	1,0	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 MSJ 15W-40

Heavy Duty Diesel Engine Oil



Turbocharged engine



Euro 5, Euro 6



Exhaust Gas Recirculation



Selective Catalyst Reduction



Diesel Particulate Filter



Mid ash additive technology



Stay-in-grade shear stability



Semisynthetic

**G-Profi MSJ 15W-40** is heavy-duty diesel engine oil that combines advanced engine protection for modern low emissions vehicles with engine durability, emissions system protection and extended drain capability. G-Profi MSJ 15W-40 designed for diesel-powered commercial vehicles for both on- and off-highway use in industries such as transportation, mining, construction and agriculture. G-Profi MSJ 15W-40 meets broad range of industry and manufacturer specifications from around the world.

### Applications



- Naturally aspirated and turbo-charged diesel powered equipment made by European, American and Japanese manufacturers and where oil meeting ACEA E9 are called for
- Modern heavy-duty engines fitted with the latest exhaust emissions control systems including those fitted with DPF (Diesel Particulate Filter)
- On-highway light and heavy-duty trucking and off-highway modern equipment.

Features	Advantages and Potential Benefits
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High dispersant properties	Outstanding protection against oil thickening for long drain intervals
Advanced soot handling	Protection against oil thickening to control filter pressure for long engine life
Stay-in-grade shear stability	Reduced viscosity breakdown under high temperature operating conditions

### Meets the requirements:

- API SN/SM/CJ-4
- ACEA E9
- Caterpillar ECF-1a/ECF-2/ECF-3
- Cummins CES 20081
- Detroit Diesel DDC 93K218
- Deutz DQC III-LA
- MACK EO-O PP
- MAN M 3575
- MB 228.31
- MTU Cat. 2.1
- Renault Trucks RLD-3
- Volvo VDS-4

## Typical characteristics

Properties	G-Profi MSJ 15W-40	Method
SAE Viscosity Grade	15W-40	
Kinematic Viscosity @ 40°C, mm <sup>2</sup> /s	110,5	ASTM D 445
@ 100°C, mm <sup>2</sup> /s	14,9	ASTM D 445
Viscosity Index	140	ASTM D 2270
Flash Point (COC), °C	235	ASTM D 92
Pour Point, °C	-35	ASTM D 97
Density @ 15°C, kg/m <sup>3</sup>	875	ASTM D 1298
Total Base Number, mg KOH/g	8,5	ASTM D 2896
Sulphated Ash, wt%	1,0	ASTM D 874

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