

## G-Profi MSJ 5W-30

Heavy Duty Diesel Engine Oil



Turbocharged engine



Euro 5, Euro 6



Improved low temperature performance



Semisynthetic



Energy conserving



EGR Exhaust Gas Recirculation



SCR Selective Catalyst Reduction



DPF Diesel Particulate Filter

**G-Profi MSJ 5W-30** is heavy duty diesel engine oil that combines advanced engine protection for modern low emissions vehicles with fuel economy, engine durability, emissions system protection and extended drain capability. G-Profi MSJ 5W-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 5W-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 E6 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
- Compressed natural gas (CNG) fueled engines

### Features & Benefits

Features	Advantages and Potential Benefits
Low ash, sulfur and phosphorous levels	Helps to protect exhaust systems devices like those fitted with DPF
Advanced formulation	Potential fuel economy improvement
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 protection against high temperature deposits	Provides capability for long drain intervals

### Approvals:

- Cummins CES 20081
- MACK EO-O PP
- MAN M 3271-1
- MAN M 3477
- MAN M 3677
- MB 228.51
- Renault Trucks RLD-3
- Volvo VDS-4

### Meets the requirements:

- API CJ-4/SN (licensed)
- ACEA E6/E7/E9
- Caterpillar ECF-3
- Detroit Diesel DDC 93K218
- Deutz DQC IV-LA
- JASO DH-2
- MACK EO-M Plus/EO-N PP
- MB 228.31
- MB 235.28
- MTU Cat. 3.1
- Renault Trucks RGD/ RLD-2/RXD
- Scania Low Ash
- Voith Retarder Oil Class B
- Volvo VDS-3

## Typical Characteristics

Properties	G-Profi MSJ 5W-30	Method
SAE Viscosity Grade	5W-30	SAE J300
Kinematic Viscosity @ 40°C, mm <sup>2</sup> /s	69,7	ASTM D 445
@ 100°C, mm <sup>2</sup> /s	11,5	ASTM D 445
Viscosity Index	165	ASTM D 2270
CCS @-30 °C, mPa·s	6100	ASTM D 5293
Flash Point (COC), °C	226	ASTM D 92
Pour Point, °C	-42	ASTM D 97
Density @ 15°C, kg/m <sup>3</sup>	855	ASTM D 4052
Total Base Number, mg KOH/g	9,7	ASTM D 2896

## 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.