

## G-Profi MSF 10W- 40, 15W- 40

Heavy Duty Diesel Engine Oils



Turbocharged engine



Up to Euro 2



Protection against high temperature deposits



Detergent properties



Semisynthetic 10W-40



Mineral base oil 15W-40, 10W, 30

**G-Profi MSF** are high performance engine oils engineered to offer the ultimate protection of diesel engines by offering improved and stronger wear and deposits control. Formulated from high quality base stocks and balanced additives they provide effective protection under various operation conditions. Enhanced acid-control system helps to control engine cleanliness to prolong engine life. G-Profi MSF suitable for use in wide range of on and off-highway applications where API CF-4 performance is required.

### Applications



- Wide range of turbocharged and non-turbocharged heavy duty diesel engines requiring API CF-4 performances and meeting Euro 2 emission standard
- Commercial vehicles, buses, trucks and off-road agricultural, construction equipment from European and US manufacturers
- Gasoline engines where API SG (or lower) performance is required

Features	Advantages and Potential Benefits
Increased thermal and oxidation stability	Extended drain intervals and engine life
High detergent properties	Lower high temperature deposits formation to reduce maintenance costs
Excellent TBN retention	Higher corrosion protection to extend overhaul intervals
Protection against wear	Excellent performance in both low and high temperature service for long engine life
Wide specification profile	Provide inventory rationalization options for the mixed fleet operator, where any of the performance levels shown below are stated

### Meet the requirements:

- API CF/SG
- Volvo VDS
- MAN 271 (G-Profi 15W-40)
- MB 228.1 (G-Profi 15W-40)
- MTU (G-Profi 15W-40)

### Approvals:

- KAMAZ
- YaMZ

### Typical Characteristics

Properties	G-Profi MSF 10W-40	G-Profi MSF 15W-40	Properties
SAE Viscosity Grade	10W-40	15W-40	SAE J300
Kinematic Viscosity @ 40°C, mm <sup>2</sup> /s	100,6	118,5	ASTM D 445
@ 100°C, mm <sup>2</sup> /s	14,6	14,9	ASTM D 445
Viscosity Index	150	129	ASTM D 2270
Flash Point (COC), °C	227	239	ASTM D 92
Pour Point, °C	-35	-33	ASTM D 97
Density @ 15°C, kg/m <sup>3</sup>	874	882	ASTM D 4052
Total Base Number, mg KOH/g	8,9	8,9	ASTM D 2896
Sulphated Ash, wt%	1,3	1,3	ASTM D 874

✓ ISO 9001

✓ ISO 14001

✓ ISO/TS 16949

✓ OHSAS 18001

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## 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.

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