

G-Profi MSF 10W- 40, 15W- 40, 10W, 30, 40, 50



Turbocharged engine



Up to Euro 2



High temperature deposits stability



Detergent properties



Semisynthetic oil (SAE 10W-40)



Mineral oils (SAE 15W-40, 10W, 30, 40, 50)

G-Profi MSF 10W-40, 15W-40 – all-season, semisynthetic (10W-40) and mineral (15W-40) engine oils. Designed for European, American, Asian heavy duty turbocharged EURO-2 tier engines. Oils have high stability against deposits formation.

G-Profi MSF 10W, 30, 40, 50 – seasonal engine oils for low (SAE 10W), moderate (SAE 30) and high ambient temperatures (SAE 40, 50), designed for heavy duty turbocharged EURO-2 tier engines.

Applications



- For off-road equipment (agriculture, mining etc.) and some on-road vehicles.
- Intended for turbocharged and non-turbocharged diesel engines requiring API CF-4 or lower performance level and meeting Euro 2 emission standard.
- Applicable to use in hydraulic systems and transmission of mobile equipment where SAE 10W and SAE 30 viscosity grades are required.
- Gasoline engines where API SG performance level is required.

Advantages/ Potential benefits

G-Profi MSF 10W-40, 15W-40, 10W, 30, 40, 50 adaptive technology with the use of improved additives package provides effective engine performance at various operation modes:

Features	Advantages/Potential Benefits
Stability against oxidation	Deposits formation reduction- use in turbocharged engines
High detergent properties	Lower high temperature deposits formation to reduce maintenance costs
Neutralizing characteristics	Neutralization of fuel combustion products - possibility of operation on high sulfur fuel
Protection against wear	Effective lubrication of friction parts- retaining engine service life
Unification	Can substitute oils of previous generations – reduction of inventory and WH costs

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

- YaMZ
- TMZ

*- only for G-Profi MSF 15W-40

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

- API CF-4/CF/SG
- MTU cat.1*
- MB 228.1*
- MAN 271*
- Volvo VDS
- KAMAZ

G-Profi MSF 40, 50 specifications

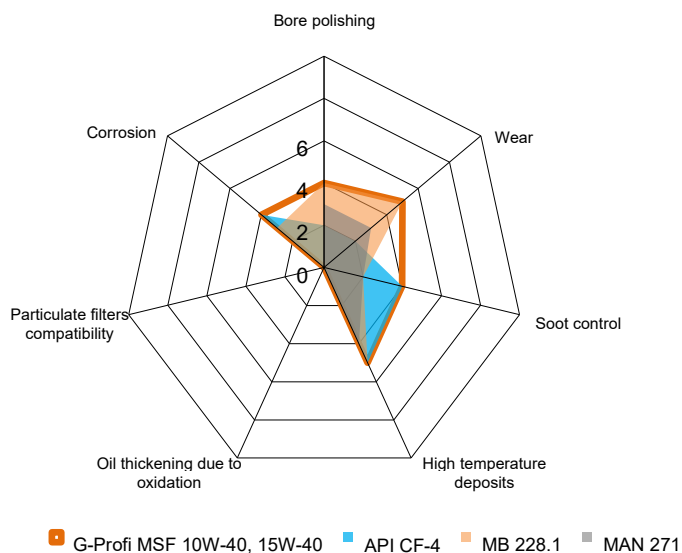
- API CF-4/CF
- MAN 270
- MB 228.0

G-Profi MSF 10W, 30 specifications

- API CF-4/CF/SG
- MTU
- MB 228.0
- MAN 270
- Volvo VDS

Typical physical and chemical characteristics

Properties	Method	Value					
		10W-40	15W-40	10W	30	40	50
Kinematic Viscosity @ 40°C, mm²/s	ASTM D445	100,0	110,2	37,4	107,0	155,9	250,1
Kinematic Viscosity @ 100°C, mm²/s	ASTM D445	14,7	14,6	6,3	11,8	14,9	20,4
Viscosity Index	ASTM D2270	153	136	118	98	94	94
Flash Point (COC), °C	ASTM D92	230	239	222	242	260	269
Pour Point, °C	GOST 20287	-37	-34	-41	-26	-17	-15
Density @15°C, kg/m³	ASTM D4052	874	882	878	891	898	902
Total Base Number, mg KOH/g	ASTM D2896	9,3	8,9	9,1	9,1	11,6	11,6
Sulfated Ash, % wt.	ASTM D874	1,3	1,3	1,3	1,3	1,5	1,5



G-Profi MSF 10W-40 and 15W-40
outperform following standards:

- API CF-4
- better wear protection
- MB 228.1
- better corrosion protection
- better oil thickening control
- MAN 271
- deposits control
- better soot control

The company's management system is certified in accordance with international standards:

ISO 9001



ISO 14001



ISO 45001

