INER-G Lubricants

TECHNICAL DATA SHEET
Edition 11/2026

LUBRIC DM100 SAE 10W-40

Semi-synthetic extra-high-performance diesel engine oil

MADE IN HOLLAND

DESCRIPTION

LUBRIC DM100 is a semi-synthetic SAE 10W-40 "Extra High-Performance Diesel" (XHPD) engine oil for high-output, high-speed turbocharged diesel engines operating under severe conditions. It combines synthetic and mineral base stocks with carefully selected additives for excellent detergency, dispersancy and anti-wear performance.



APPLICATIONS

Modern diesel engines
Low-emission engines with exhaust gas recirculation (EGR), meeting Euro IV emission specifications.

Heavy-duty fleets
On- and off-highway trucks, buses, construction and agricultural equipment, generator sets.

Extended drains
Exceeds the requirements of major European heavy-duty engine manufacturers for extended drain intervals.

ADVANTAGES

- **EGR durability.** Specially formulated to guarantee engine durability where EGR is employed.
- **Clean engines.** Reduces piston deposits and protects against bore polishing.
- **Lower oil consumption.** Helps reduce oil consumption in service.
- **Cold-start protection.** SAE 10W-40 flow at low temperature with a pour point below −30 °C.

TYPICAL CHARACTERISTICS

Property	Unit	Typical value
Density at 15 °C	kg/m³	**872**
Kinematic viscosity at 40 °C	mm²/s	**98.3**
Kinematic viscosity at 100 °C	mm²/s	**14.1**
Viscosity index	—	**> 135**
CCS viscosity at −25 °C	mPa·s	**< 7000**
Flash point	°C	**220**
Pour point	°C	**< −30**
Total base number (TBN)	mg KOH/g	**10.1**
Sulphated ash	% m/m	**1.47**

SPECIFICATIONS

The product meets the requirements of:

- API CI-4
- ACEA E7
- MTU Oil Category 2
- Cummins CES 20077 / 20078

OEM SPECIFICATIONS

Recommended where these are required:

- Mercedes-Benz MB 228.3
- Volvo VDS-3
- Mack EO-N
- MAN M 3275-1
- Renault Trucks RLD-2
- Scania LDF-2

Formulated to meet the requirements of these OEM specifications. Official OEM approvals are registered to the manufacturer of the formulation, not to INER-G.

PACK SIZES

5 L	20 L	200 L
BOTTLE	PAIL	STEEL DRUM

Typical values are mean values given for information only and do not constitute a specification. Use the product only for its intended applications and follow the equipment manufacturer's recommendations. INER-G reserves the right to modify this information without notice.

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