

MOL Dynamic Lokomotiv 4 SAE 40

zinc-free railroad engine oil



MOL Dynamic Lokomotiv 4 is a premium quality railway diesel engine oil, produced from highly refined mineral base oils, using balanced zinc-free and chlorine-free additives.

Application



Medium and low speed, heavy-duty, high performance naturally aspirated and turbocharged diesel engines

Engines with silver coated parts

Railway and ship diesel engines operating at low speed and high load

Features and benefits

Zinc- and chlorine-free additive system

High-level reserve of alkalinity

Excellent soot handling

Excellent shear stability

Good thermal and oxidation stability

Good detergent-dispersant properties

No impairment to silver-coated engine parts

Persistent acid neutralization, giving a long oil drain interval

Protection against soot deposits and bore polishing

Preserves its rheological properties even under severe operating conditions and high temperatures

Reliable operation, so reduced operational costs

Prevents formation of lacquer and sludge type deposits

Specifications and approvals

Viscosity grade: SAE 40
Electro-Motive Diesel
GE Generation 4 Long Life
API CF-2
API CF
API CD
LMOA Generation 5
Caterpillar 3600

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Properties

Properties	Typical values
Density at 15°C [g/cm ³]	0,897
Kinematic viscosity at 40°C [mm ² /s]	161,6
Kinematic viscosity at 100 °C [mm ² /s]	14,7
Viscosity index	93
Pour point [°C]	-24
Flash point (Cleveland) [°C]	250
Base number (BN) [mg KOH/g]	14,1
Zinc content (ICP) [mg/kg]	3

The characteristics in table are typical values of the product and do not constitute a specification.

Storage and handling instructions

Store in the original container in dry, properly ventilated area. Keep away from direct flame and other sources of ignition. Protect from direct sunlight.

During transport, storage and use of the product follow the work safety instructions and environmental regulations relating to mineral oil products.

For further details please read the Material Safety Data Sheet of the product.

Engine oils are finished lubricant formulations where additional additives are unnecessary and may result in unforeseeable adverse effects. The manufacturer and distributor shall not be held liable for such possible damages.

In the original container under the recommended storage conditions: 60 months

Recommended storage temperature: max. 40°C

Ordering information

Custom Tariff Number 27101981

SAP code and packaging:

13006106	MOL Dynamic Lokomotiv 4 SAE 40 180KG	216.5 l steel drum (for order only)
13008647	MOL Dynamic Lokomotiv 4 SAE 40	Road tank car (for order only)

Order booking:

Please contact your local distributor or sales partner for ordering details.