

# KOMATSU<sup>®</sup>

## Product data

**Forestry Quality™**

### *Synthetic Heavy Duty Diesel Engine Oil*

- *Low Emissions*
- *Maintenance and Energy Saving*

EOS 5W-30 oil features "Low-SAPS" additive technology and unique anti-wear system. Protective power is enhanced with the use of synthetic base oil technology that increases additive activity to deliver low- viscosity fuel saving performance with no compromise in durability. Key benefits are; compatibility with exhaust emissions control systems, extended maintenance capability and fuel economy performance. Especially suitable for Euro 4, 5, 6 vehicles.

#### **Performance, Features & Benefits**

##### **Fuel economy**

EOS 5W-30 offers enhanced fuel economy capability that can save money in fuel consumption, without compromising engine protection or durability.

##### **Maintenance saving**

EOS 5W-30 meets the long oil drain requirements of Mercedes-Benz, MAN, DAF and others, from the latest Euro 6 to older generation engines, to allow operators to optimise maintenance schedules and control maintenance costs.

##### **Emissions system compatibility**

Advanced low-ash formulation helps control blocking of or poisoning of exhaust after-treatment devices, helping maintain vehicle emission compliance and engine fuel efficiency.

##### **Low wear, low deposits**

Unique additive technology delivers high levels of piston cleanliness essential for long engine life. Unique anti-wear booster helps meet the demanding wear protection requirements of many engine types.

#### **Main Applications**

##### **On-highway heavy duty applications**

Particularly suited for a wide range of trucking and transportation applications in modern low-emission vehicles from Mercedes-Benz, MAN, DAF and others. Especially suitable for fleets with mixed Euro 2,3,4 and 5 engine types.

##### **Low emission engine use**

EOS 5W-30 meets the latest requirements for Euro 4, 5, 6 engines and exceeds the performance requirements of industry specifications such as ACEA E6 and E7.

#### **Specifications, Approvals & Recommendations**

- Cummins: CES 20077
- Deutz: DQC IV-10 LA
- MACK: EO-N
- MAN: 3477
- MB Approval: 228.51
- Renault Trucks: RLD-2
- Volvo: VDS-3
- ACEA: E6, E7

**EOS 5W-30**

## Typical Physical Characteristics

Properties	Method	EOS 5W-30
Viscosity Grade		5W-30
Kinematic Viscosity @40°C mm <sup>2</sup> /s	ASTM D445	66.9
Kinematic Viscosity @100°C mm <sup>2</sup> /s	ASTM D445	12.13
Dynamic Viscosity @-30°C mPa s	ASTM D5293	5638
Total Base Number Mg KOH/g	ASTM D2896	10.4
Sulphated Ash %	ASTM D874	0.95
Density @15°C kg/l	ASTM D4052	0.847
Flash Point (COC) °C	ASTM D92	232
Pour Point °C	ASTM D97	-42

These characteristics are typical of current production, variations in these characteristics may occur.

## Health, Safety & Environment

### Health and Safety

EOS 5W-30 are unlikely to present any significant health or safety hazard when properly used in the recommended application, and good standards of industrial and personal hygiene are maintained. Avoid contact with skin. Use impervious gloves with used oil. After skin contact, wash immediately with soap and water. Guidance on Health and Safety is available on the appropriate Safety Data Sheet

### Protect the Environment

Take used oil to an authorized collection point. Do not discharge into drains, soil or water.

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