



Technical Data Sheet

- Low Emissions
- Energy Saving

Shell Fleet NX 10W40

Synthetic Technology Heavy Duty Diesel Engine Oil

Shell Fleet NX 10W 40 oils feature "Low-SAPS" additive technology while delivering energy savings. Protective power is enhanced through the use of synthetic base oil technology to deliver fuel economy performance with no compromise in durability.



Performance, Features & Benefits

- **Emissions system capability**

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

- **Fuel economy capability**

The use of synthetic base oil components provides Shell Fleet NX 10W 40 with the capability to improve cold starting and reduce fuel consumption and save money, without compromising engine protection or durability.

- **Improved engine cleanliness**

The advanced formulation delivers good engine cleanliness and protection against piston deposits allowing Shell Fleet NX 10W 40 to ensure engine and component reliability at extended oil drain intervals.

Main Applications



- **Low emission engine use**

Shell Fleet NX 10W 40 meets the requirements of the major European and North American engine manufacturers for low emission applications.

Specifications, Approvals & Recommendations

- API CK-4
- ACEA E9, E11
- Cummins CES 20086
- DTFR 15C100
- Volvo VDS-4.5

For a full listing of equipment approvals and recommendations, please consult your local Shell Technical Helpdesk.

Typical Physical Characteristics

Properties			Method	Shell Fleet NX 10W40
Kinematic Viscosity	@40°C	mm ² /s	ASTM D445	102
Kinematic Viscosity	@100°C	mm ² /s	ASTM D445	14.8
Dynamic Viscosity	@-25°C	mPa s	ASTM D5293	6 500
Viscosity Index			ASTM D2270	152
Total Base Number		mg KOH/g	ASTM D2896	10
Sulphated Ash		%	ASTM D874	1
Density	@15°C	kg/l	ASTM D4052	0.862
Flash Point (COC)		°C	ASTM D92	237
Pour Point		°C	ASTM D97	-42

These characteristics are typical of current production. Whilst future production will conform to Shell's specification, variations in these characteristics may occur.

Health, Safety & Environment

- **Health and Safety**

This product is unlikely to present any significant health or safety hazard when properly used in the recommended application and good standards of 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, which can be obtained from <https://www.epc.shell.com>

- **Protect the Environment**

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

Additional Information

- **Advice**

Advice on applications not covered here may be obtained from your Shell representative.