

DF Special Engine Oil 15W-40

DF Special Engine Oil use the latest "Low-SAPS" additive technology to protect under the most severe conditions found in modern low emission engines. It delivers significant improvements in wear protection, deposit control and resistance to breakdown under high temperatures.

The exclusive low-ash formulation helps protect the exhaust catalysts and particulate traps found on the latest low emission vehicles. Recommended by a wide range of OEMs, suitable for both the latest low-emissions (Euro 4,5,) and older model equipment.

Applications

- **Severe duty heavy duty diesel engines**
DF Special Engine Oil is our highest performance 15W-40 heavy duty diesel engine oil providing outstanding protection for virtually all engines, including the latest Euro 5 and US 2007 as well as older units.
- **Off-Highway Applications**
With its enhanced acid control, this oil is suitable for use in agricultural and construction applications, even with high levels of fuel sulphur.

- **Lower Operating Costs**
DF Special Engine Oil is formulated with an enhanced acid-control system to help fleet operators to achieve maximum drain flexibility.
- **Outstanding wear protection**
Demonstrated over millions of km of customer service, DF Special Engine Oil provides significantly higher levels of wear protection than previous generation oils to prolong engine efficiency and life.

Performance Features and Benefits

- **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.

Specification and Approvals

API: CJ-4, CI-4+, CI-4, CH-4, CG-4, CF-4, CF
ACEA: E9, E7
Deutz: DQC III-10 LA

Typical Physical Characteristics

Properties			Method	DF Special Engine Oil
Viscosity Grade				15W-40
Kinematic Viscosity	at 40°C	mm ² /s	ASTM D 445	118
Kinematic Viscosity	at 100°C	mm ² /s	ASTM D 445	15.5
Viscosity Index			ASTM D 2270	139
Density	at 15°C	Kg/m ³	ASTM D 4052	883
Sulphated Ash			ASTM D 874	1
Total Base Number			ASTM D 2896	10.6
Flash Point	(COC)	°C	ASTM D 92	227
Pour Point			ASTM D 97	-33

These characteristics are typical of current production.

Advice

Advice on applications not covered in this leaflet may be obtained from your DF Representative.

Health and Safety

DF Special Engine Oil 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 are available on the appropriate Material Safety Data Sheet which can be obtained from your DF Representative.

Protect the environment

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