



Shell Rimula R2 40 (CF/10TBN)

- Tough, Long-lasting Action

Monograde Heavy Duty Diesel Engine Oils

Shell Rimula R2 Energised Protection oils use proven combinations of additives that react to the the needs of your engine. They feature an enhanced acid-control system for added protection and long life. Each dedicated additive releases its protective energy when needed to ensure reliable and consistent protection against deposits and wear with tough long lasting action.



ENERGISED PROTECTION
Adapting to your engine's changing needs

Performance, Features & Benefits

- **Engine cleanliness**
Shell Rimula R2 oils incorporate an enhanced detergent additive system to control piston deposits and maintain good standards of engine cleanliness.
- **Dependable protection**
High Total Base Number (10 TBN) to ensure suitable protection throughout the oil drain period in areas where fuel sulphur is high.
- **Long engine life**
Continuous protection against corrosion and wear throughout the oil drain interval to prolong the life of the engine.

Main Applications



- **Automotive diesel engines**
Shell Rimula R2 oils are designed for use in medium and heavy duty diesel engines using low sulphur/medium diesel fuel.

On and off-highway applications

Suitable for long distance trucking and similar 'constant speed' on-road operations as well as use in stop-start operation such as agriculture, construction and city driving.

Hydraulic and transmissions

Shell Rimula R2 monograde oils can be used in certain transmission and mobile hydraulic systems where use of monograde engine oils is recommended by the equipment manufacturer.

Specifications, Approvals & Recommendations

- **API : CF**
For a full listing of equipment approvals and recommendations, please consult your local Shell Technical Helpdesk, or the OEM Approvals website.

Typical Physical Characteristics

Properties			Method	Shell Rimula R2 40 (CF/10TBN)
SAE Viscosity Grade				40
Kinematic Viscosity	@40°C	cSt	ASTM D 445	140
Kinematic Viscosity	@100°C	cSt	ASTM D 445	14.5
Viscosity Index			ASTM D 2270	102
Density	@15°C	kg/l	ASTM D 4052	0.895
Flash Point (COC)			ASTM D 92	250
Pour Point			ASTM D 97	-9

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**

Shell Rimula R2 (CF/10TBN) 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 Material Safety Data Sheet, which can be obtained from <http://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.