



# Shell Rimula R1 Multi 20W-40

• Reliable Lubrication

## Heavy Duty Diesel Engine Oil

Shell Rimula R1 Multi oils fight engine wear and maintain the right thickness for continuous protection and consistent performance. It results in lower fuel consumption\* and suitable for older engines. \*Compared to standard SAE 40 oils.



### Performance, Features & Benefits

- **Engine cleanliness**  
Shell Rimula R1 Multi 20W-40 Oil incorporates an advanced detergent additive system to control piston deposits and maintain good standards of engine cleanliness.
- **Good engine protection**  
Enhanced protection against corrosion and wear.
- **High TBN retention – oil life**  
High Total Base Number retention to ensure protection throughout the oil drain period.

- **Automotive diesel engines**  
Shell Rimula R1 Multi 20W-40 Oil is suitable for use in older turbo-charged or non-turbocharged engines of light/medium duty burning low sulphur, distillate fuels.
- **Off-highway operation**  
Shell Rimula R1 Multi 20W-40 Oil is suitable for use in a variety of off-highway applications.

### Specifications, Approvals & Recommendations

- **API CF-4**  
For a full listing of equipment approvals and recommendations, please consult your local Shell Technical Helpdesk.

### Main Applications



### Typical Physical Characteristics

Properties			Method	Shell Rimula R1 Multi 20W-40
Kinematic Viscosity	@40°C	mm <sup>2</sup> /s	ASTM D445	126.9
Kinematic Viscosity	@100°C	mm <sup>2</sup> /s	ASTM D445	14.31
Dynamic Viscosity	@-15°C	mPa s	ASTM D5293	7000
Viscosity Index			ASTM D2270	112
Density	@15°C	kg/l	ASTM D4052	0.89
Flash Point (COC)		°C	ASTM D92	240

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 R1 Multi 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.