



# Shell Rimula R2 20W-50

• Turbo-charger Performance

## Heavy Duty Diesel Engine Oil

Shell Rimula R2 oils keep the engine clean. Additives ensure protection against deposits, wear and resist thickening by heat. Suitable for most heavy duty applications including turbo-charged engines.



### Performance, Features & Benefits

- **Equipment manufacturer acceptance**

Shell Rimula R2 is suitable for use in a variety of engine applications where API CH-4 quality oils are required.

- **Engine cleanliness**

The high thermal stability and oil oxidation resistance provide a high standard of protection against piston deposits. Engine cleanliness is further enhanced through use of high performance dispersants to control sludge and deposits in other parts of the engine.

- **Low engine wear**

The combination of active anti-wear additives and good engine cleanliness controls engine wear, gives long engine life, maintains engine power and efficiency and lowers servicing costs.

### Main Applications



- **On-highway heavy duty trucks**

Shell Rimula R2 is suitable for most heavy duty engines found in on- highway applications and where API CH-4 quality oils are required.

For more severe operations or applications in modern low emission engines we recommend Shell Rimula R4X or Rimula R5 multigrade engine oils.

### Specifications, Approvals & Recommendations

- **API CH-4**

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

### Typical Physical Characteristics

Properties			Method	Shell Rimula R2 20W-50
Kinematic Viscosity	@40°C	mm <sup>2</sup> /s	ASTM D445	147.3
Kinematic Viscosity	@100°C	mm <sup>2</sup> /s	ASTM D445	17.5
Dynamic Viscosity	@-20°C	mPa s	ASTM D5293	6450
Viscosity Index			ASTM D2270	130
Density	@15°C	kg/l	ASTM D4052	0.893
Flash Point (COC)		°C	ASTM D92	235
Pour Point		°C	ASTM D97	-33
Total Base Number		mg KOH/g	ASTM D2896	10

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 20W-50 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 [www.epc.shell.com](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.