



# Shell Rimula R3 Multi 15W-40

• Turbocharger Performance

## Heavy Duty Diesel Engine Oil

Shell Rimula R3 Multi oil 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

#### ▪ 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



#### ▪ Construction and mining

Shell R3 Multi is recommended for most engine types found in construction requiring the use of API CH-4 lubricants.

### 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 R3 Multi 15W-40
Kinematic Viscosity	@40°C	mm <sup>2</sup> /s	ASTM D445	103.1
Kinematic Viscosity	@100°C	mm <sup>2</sup> /s	ASTM D445	14.0
Dynamic Viscosity	@-15°C	mPa s	ASTM D5293	6000
Viscosity Index			ASTM D2270	138
Density	@15°C	kg/l	ASTM D4052	0.873
Flash Point (COC)		°C	ASTM D92	230
Pour Point		°C	ASTM D97	-39

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 R3 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 (MSDS) 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.