



Shell Rimula R1

Monograde Heavy Duty Diesel Engine Oils

- **RELIABLE LUBRICATION**

Shell Rimula R1 Energised Protection oils use well-proven performance additives to fight engine wear providing reliable lubrication, consistent performance. Suitable for day to day use in non-turbocharged engines.



Performance Benefits

- **Reliable performance**
Provide reliable all-year-round performance in the applications for which they are intended.

Applications



- **Moderately rated diesel engines**
Shell Rimula R1 oils are for use in less powerful diesel engines, such as those found in small trucks, commercial vehicles, vans, tractors and certain stationary units.
- **Hydraulic and Transmissions**
Shell Rimula R1 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 and Approvals

Specifications and Approvals	SAE Viscosity Grade			
	10W	30	40	50
API: CD	✓	✓	✓	✓
API: SE		✓	✓	✓

Health and Safety

Shell Rimula R1 oils are unlikely to present any significant health or safety hazard when properly used in the recommended application, and good standards of industrial and personal hygiene are maintained.

Avoid contact with skin. Use impervious gloves with used oil. After skin contact, wash immediately with soap and water.

For further guidance on Product Health & Safety refer to the appropriate Shell Product Safety Data Sheet.

Protect the environment

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

Advice

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



Typical Physical Characteristics

Rimula R1				
SAE Viscosity Grade	10W	30	40	50
Kinematic Viscosity (ASTM D445)				
@ 40°C cSt	37.4	91.3	139	211.0
100°C cSt	5.7	10.8	14.4	19.0
Viscosity Index (ASTM D2270)	100	102	102	101
Density @ 15°C kg/l (ASTM D4052)	0.876	0.891	0.895	0.900
Flash Point °C (Cleveland Open Cup) (ASTM D92)	219	242	250	252
Pour Point °C (ASTM D97)	-33	-18	-9	-9

These characteristics are typical of current production. Whilst future production will conform to Shell's specification, variations in these characteristics may occur.