



# Shell Rimula *Light Duty LD4 Multi 15W-40*

- For Diesel Engines

*Specially Designed Engine Oil for Light Commercial Vehicles*

Provides reliable protection for a wide range of light duty engines and operating conditions



## Performance, Features & Benefits

### • Acid and corrosion control

Shows excellent control of acids by reducing the accumulation of acids and chemical corrosion of engine bearings. Harmful acids from fuel combustion are controlled by using selected detergent additives to neutralise them and help to prevent corrosion of metal surfaces.

### • Reduced engine wear

It offers high levels of engine wear protection in the critical areas of the valve train, piston ring and cylinder liners. This wear control is achieved through the addition of anti-wear additives that are designed to form protective films in metal-to-metal contacts when needed under different engine operating conditions, and by the use of soot dispersant additives to keep soot particles finely dispersed to help prevent wear.

### • Deposit control

Shell Rimula Light Duty LD4 Multi 15W-40 helps to prevent oil thickening and the formation of harmful deposits in all areas of the engine, including sludge and piston deposits.

## Main Applications



### • Specially designed for light commercial vehicles

Formulated to provide reliable engine protection in urban/city driving conditions such as Stop-Start and variable load applications. The additive technology helps protect the engine from soot related deposits which can be caused by high idle applications.

- For more heavy duty applications kindly use the Rimula R3/R4 range of products.

## Specifications, Approvals & Recommendations

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

## Typical Physical Characteristics

Properties			Method	Shell Rimula Light Duty LD4 Multi 15W-40
Kinematic Viscosity	@40°C	cSt	ASTM D445	109
Kinematic Viscosity	@100°C	cSt	ASTM D445	14.7
Viscosity Index			ASTM D2270	139
Dynamic Viscosity	@-20°C	mPas	ASTM D5293	6700
Total Base Number		mg KOH/g		10.1
Density	@15°C	kg/l	ASTM D4052	0.881
Flash Point (COC)		°C	ASTM D92	230
Pour Point		°C	ASTM D97	-36

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 Light Duty LD4 Multi 15W-40 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 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.

