

Rimula IZ 15W-40

Heavy Duty Diesel Engine Oil

Rimula IZ 15W-40 is designed to provide the protection to improve engine and oil durability. It helps to lower maintenance and increase reliability of vehicles. It's specifically designed for ISUZU Heavy Duty Diesel Engines for on-highway applications.

Performance, Features & Benefits

- **Acid and Corrosion Control**

Rimula IZ 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**

Rimula IZ 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**

Rimula IZ helps to prevent oil thickening and the formation of harmful deposits in all areas of the engine, including sludge and piston deposits, by using an optimized detergent and dispersant additive system that keeps the engine clean.

Main Applications

- **ISUZU Heavy Duty Diesel Engines**

Rimula IZ provides better protection and performance in the latest ISUZU heavy-duty diesel engines for on-highway vehicles.

Specifications, Approvals & Recommendations

- API CI-4, CH-4
- ACEA E7, E5, E3
- Recommended by ISUZU

Typical Physical Characteristics

Properties			Method	Rimula IZ 15W-40 (CI-4)
Kinematic Viscosity	@40°C	cSt	ASTM D445	109
Kinematic Viscosity	@100°C	cSt	ASTM D445	14.7
Dynamic Viscosity	@-20°C	mPa s	ASTM D5293	6 700
Viscosity Index			ASTM D2270	139
Density	@15°C	kg/m ³	ASTM D4052	888
Sulfated Ash		%	ASTM D874	1.45
Total Base Number		mg KOH/g	ASTM D2896	10.5
Flash Point		°C	ASTM D92	230
Pour Point		°C	ASTM D97	-36

These characteristics are typical of current production.

Health, Safety & Environment

- **Health and Safety**

Rimula IZ 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 are available on the appropriate Safety Data Sheet which can be obtained from your SHELL Representative.

- **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.