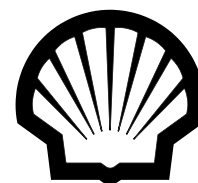


Rimula D

High quality dedicated diesel engine oil



Rimula D Oils are a high quality dedicated diesel engine oils blended for use in high-speed, naturally aspirated and moderately rated turbocharged units.

Applications

- **Automotive diesel engines**
Rimula D Oils are an advanced diesel engine oils designed for the lubrication of units burning low sulphur, distillate fuels.
- **Gasoline engine performance**
Although not designed specifically for four-stroke gasoline engines they may be used for this purpose, in certain cases, e.g. old fleets with mixed engines.
- **Long distance operations**
Long distance trucking and similar 'constant speed' on road operations.

Performance Features

- **Controlled engine deposits**
Rimula D Oils incorporate an advanced detergent additive system to control piston deposits and maintain good standards of engine cleanliness.
- **Dependability**
Over many years, Rimula D Oils have built a reputation for dependability.
- **High TBN retention**
Excellent Total Base Number (TBN) retention to ensure protection throughout the oil drain period.
- **Good engine protection**
Enhanced protection against corrosion and wear.
- **Oxidation resistant**
High resistance to oxidation and thermal degradation ensuring long oil life and low tendency for deposit formation.

Performance Specifications:

Rimula D Oils are blended to meet:
API Service Classification CF/SF.

Small diesel engines

Small and indirect injection diesel engines which power some light commercial vehicles and cars impose high levels of combustion contaminants on the oil, especially if the operating duty is intermittent and light. Rimula D Oils are ideal for most of these engines, especially under cold starting conditions. Its excellent dispersancy and high resistance to thickening combat churning losses, speeding start-up and the flow of oil to vital moving parts.

Oil drain intervals

The oil drain interval as specified by the engine manufacturer should be adhered to, particularly where indirect fuel injection is used.

Available Viscosities

A wide variety of multi and monogrades

Health & Safety

Rimula D 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 authorised 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 D	10W	20W-20	30	40	50	10W-30	15W-40	20W-40	20W-50
SAE Grade	10W	20W-20	30	40	50	10W-30	15W-40	20W-40	20W-50
Kinematic Viscosity @ 40°C cSt 100°C cSt (IP 71)	43.5 7.0	68.0 8.8	88.7 11.0	140 14.5	212 19.0	65.0 10.8	100.1 14.5	110 14.2	140 19.0
Viscosity Index (IP 226)	100	102	106	107	103	135	135	131	130
Density @ 15°C kg/l (IP 365)	0.876	0.884	0.891	0.895	0.900	0.879	0.890	0.894	0.894
Flash Point °C (COC) (IP 36)	204	210	213	216	216	199	199	199	199
Pour Point °C (IP 15)	-30	-18	-15	-9	-9	-30	-27	-18	-18

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