Shell Rimula T4

Multigrade Heavy Duty Diesel Engine Oils

- ***UNIQUE ACTIVE TECHNOLOGY***
- ***MODERN ENGINE – HIGH POWER USE***

Shell Rimula T4 uses exclusive combinations of the latest high performance additives to ensure that the oil adapts and protects under the full range of pressures and temperatures found in modern engines - from the high temperatures in the pistons, to the extreme loads found in the valve-trains. Featuring extra-active additives to control and sweep away harmful soot and particles found in high performance engines, it delivers excellent soot and viscosity control, outstanding protection against wear and exceptional versatility - one oil for fleets with multiple engine makes.

THE ENGINE OIL THAT WORKS AS HARD AS YOU.
Shell Rimula

Applications

Specification and Approvals:

Specification and Approvals	SAE Viscosity Grade
	T4 15W-40
API: CI-4 Plus, CI-4, CH-4, CG-4, SL	✓
ACEA: E7, E5, E3, A3/B4	✓
Cummins: CES 20078, 20077, 20076	✓
MB Approval: 228.3	✓
TATA	✓
Volvo: VDS-3	✓
MAN: 3275	✓
CAT: ECF-1, ECF-2	✓
MACK: EO-M Plus	✓
MTU Type 2	✓

Health and Safety

Shell Rimula T4 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.

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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 T4	
SAE Viscosity Grade	**T4 15W-40**
Kinematic Viscosity (ASTM D 445) @ 40°C mm2/s @ 100°C mm2/s	 109.4 14.4
Dyn. Viscosity (ASTM D 5293) @ - 20 °C mPa s	 6200
Viscosity Index (ASTM D 2270)	136
Total Base Number mgKOH/g (ASTM D 2896)	11
Sulphated Ash % (ASTM D874)	1.35
Density @ 15°C kg/l (ASTM D 4052)	0.88
Flash Point (COC) °C (ASTM D 92)	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.