

SHELL RIMULA R3 MV

MODERN HIGH POWER OIL



DESIGNED TO MEET CHALLENGES

Shell Rimula R3 MV is a modern high power oil, features a multi-component system to help provide off-highway engine protection against wear and deposits and is designed to resist breakdown by heat.

Shell Rimula R3 MV is especially suited for use in Caterpillar, Cummins and MTU engines.

PERFORMANCE FEATURES

HARD-WORKING PROTECTION

- Shell Rimula R3 MV provides exceptional performance in modern hard-working diesel engines and provides major improvements in wear protection, deposit and viscosity control over existing or older oils typically meeting the CH-4 or ACEA: E3 standard.

LONGER OIL LIFE

- The dedicated formulation of Shell Rimula R3 MV exceeds the oxidation control requirements for API and ACEA specifications for continued protection throughout the oil drain interval, even under severe conditions.

APPLICATIONS

A modern high power oil, Shell Rimula R3 MV is particularly suitable for use in severe duty off-highway equipment. Also suitable for US 2002/Euro3 low emission engines.

SPECIFICATIONS, APPROVALS AND RECOMMENDATIONS

- API: CI-4, CH-4, CG-4, CF-4, CF
- ACEA: E3
- Caterpillar: ECF-1A, ECF-2
- Cummins: CES 20071, 72, 78
- DDC: 93K215
- MTU: Category 2.

MEETS THE REQUIREMENTS FOR:

- Mercedes-Benz Approval: 228.3
- MACK: E0-M+.

TYPICAL PHYSICAL CHARACTERISTICS

CHARACTERISTICS	15W-40
Kinematic Viscosity (ASTM D 445) @ 40°C mm ² /s	111
@ 100°C mm ² /s	14.63
Dynamic Viscosity @ -20°C mPa s (ASTM D 5293)	6343
Viscosity Index (ASTM D 2270)	136
Density @ 15°C kg/m ³ (ASTM D 4052)	886
Flash Point °C (COC) (ASTM D 92)	230
Pour Point °C (ASTM D 97)	-39