Technical Data Sheet

Turbo-charger Performance



Shell Rimula R2 Extra 20W-50 (CF-4/228.1)

Multigrade Heavy Duty Diesel Engine Oils

Shell Rimula R2 Extra oils use proven combinations of additives that react to the varying needs of your engine. They include active dispersants to keep the engine clean. Each additive releases its protective energy to ensure reliable and consistent protection against deposits and wear and to resist thickening by heat. Approved by leading engine makers, suitable for most heavy duty applications including turbo-charged engines.



Performance, Features & Benefits

Multigrade benefits

Compared to monograde oils, Shell Rimula R2 Extra can deliver the user a range of benefits associated with the use of multigrade oils. These include reduction of oil consumption by up to 30%*, longer oil life and improved fuel economy. (* As stated by a leading engine maker)

Protection for turbo-charged engines

Unlike some lower cost multigrade oils, Shell Rimula R2 Extra can be confidently used in many turbocharged engines to provide protection and long engine life.

Piston cleanliness

Shell Rimula R2 Extra exceeds the normal standards of piston cleanliness associated with API CF-4 oils - the use of modern formulation chemistry delivers piston cleanliness that meets the standards of Mercedes Benz 228.1, guaranteeing the user consistently high performance in a range of applications.

Major engine manufacturer acceptance

Shell Rimula R2 Extra meets the recommendation of many major automotive engine builders in Europe and America, providing flexibility to vehicle and equipment owners.

Main Applications







Automotive diesel engines

Shell Rimula R2 Extra is the ideal choice for a wide range of turbo-charged and non-turbocharged engines under normal operation. It is particularly recommended for use in older Mercedes-Benz trucks and buses as well as for cost effective lubrication in off-highway applications such as agricultural tractors.

For more severe operation or application in modern low emission engines we recommend Shell Rimula R3 or Shell Rimula R4 multigrade engine oils.

Specifications, Approvals & Recommendations

MB Approval: 228.1

API: CF-4, CF

ACEA: E2

MAN: 271

For a full listing of equipment approvals and recommendations, please consult your local Shell Technical Helpdesk, or the OEM Approvals website.