



SHELL RIMULA[®] PREMIUM

High performance heavy-duty fleet motor oil

Product Description

Shell Rimula[®] Premium oils are extra high performance heavy-duty gasoline and diesel engine oil for longer oil and engine life in turbo- and non-turbocharged engines. Designed for fleet use, Shell Rimula[®] Premium oils are available in SAE viscosity grades SAE 15W-40 and 10W-30.

Applications

- Recommended for North American trucks with turbo and non-turbo charged engines; for new EGR and low-emission engines as well as older models. Includes trucks manufactured by Freightliner, Kenworth, International, Mack, Peterbilt, Volvo and others
- Suited for use in heavy construction and mining equipment from leading makers such as Caterpillar and Komatsu
- Recommended for leading brands of agricultural equipment including John Deere, Case-New Holland and Massey Ferguson
- Transmissions, torque converters, differentials, hydraulics, and compressors, which specify the use of qualified engine oil

<u>SAE Grade</u>	15W-40	10W-30
API CI-4 Plus, CI-4, CH-4, CG-4, CF-4, CF	Y	Y (not CI-4 Plus)
API SL, SJ	Y	Y
Caterpillar ECF-1	Y	Y
Cummins – CES 20078, 20077, 20076	Y	CES 20078 & 20076
Detroit Diesel – 7SE 270	Y	--
Detroit Diesel – 93K214	Y	--
International Truck CEMS B-21	Y	Y
Global – DHD –1	Y	--
GM Allison – C-4	Y	Y
Mack Truck – EO-N Premium Plus 03, EO-N Premium Plus	Y	--
Mack Truck	Y	--
EO-M+, EO-M	--	Y
MAN- M 3275, 271	Y	--
Mercedes-Benz – 228.3	Y	--
Volvo – VDS 3, VDS 2, VDS	Y	VDS 2, VDS

Operating conditions vary widely among fleets, and even individual units within a fleet, due to equipment type, service, age, or maintenance practices. Therefore, oil consumption and engine wear rates are often different. The use of Shell Rimula[®] Premium along with maintenance practices as specified by the equipment manufacturers will help maximize equipment life. Any extended drain interval recommendation should be closely monitored through a used oil analysis program such as Shell Lube Analyst.

Features/Benefits

- Formulated for multipurpose use, simplifying inventory needs for fleets
- Extended drain capabilities demonstrated by meeting the requirements of API CI-4 PLUS, CI-4, CH-4, Mack EO-N Premium Plus 03, EO-M Plus, Cummins CES 20078/20077/20076, Volvo VDS-3/VDS-2/VDS and MB 228.3 allows engine operators maximum drain flexibility
- Demonstrated performance in SAE 15W-40 and 10W-30 grades. in low emission EGR engines as well as older engines reducing the need for additional oils in the fleet
- Outstanding wear protection and bearing corrosion control helps maximize engine life
- Product is warranted against defect and meets virtually all US and European equipment manufacturer's engine oil warranty requirements minimizing operators risk

Approvals and Recommendations

Shell Rimula® Premium Oils are approved against leading engine oil requirements including API CI-4 PLUS, CI-4, CH-4, Caterpillar ECF-1, Cummins CES 20078/20077/20076 and Mack EO-N Premium Plus 03, EO-M Plus, Mercedes-Benz 228.3 (listed), Volvo VDS-3/VDS-2 and others.

Typical Properties of Shell Rimula® Premium Oils

	Test Method	SAE Grade	
		15W-40	10W-30
Product Code		54269	54268
Gravity, °API	D 1298	29.1	30.0
Viscosity			
@ 40°C, cSt	D 445	118	78
@ 100°C, cSt	D 445	15.8	11.9
Viscosity Index	D 2270	137	141
Flash Point, °F	D 92	400	400
Pour Point, °F	D 97	-27	-30
Neutralization No.TBN-E	D 2896	11	11
Sulfated Ash, %wt	D 874	1.3	1.3

Handling & Safety Information

For information on the safe handling and use of this product, refer to its Material Safety Data Sheet at <http://www.equivashellmsds.com>. If you are a Shell Distributor, please call **1+800-468-6457** for all of your service needs. All other customers, please call **1+800-840-5737** for all of your service needs. Information is also available on the World Wide Web: <http://www.shell-lubricants.com/>.