



HIGH-PERFORMANCE OILS [+] EXPERT ADVICE [=] THE RIGHT FOUNDATIONS

We understand that you are under pressure to complete your projects on time and on budget. Your success depends on your ability to keep equipment such as excavators, loaders, pavers and cranes working efficiently and reliably.

MEETING YOUR NEEDS

Help protect and increase the availability and lifetime of equipment

Help meet the latest equipment technology challenges and environmental standards

Help reduce operating and equipment ownership costs

Help drive down Total Cost of Ownership (TCO)

Help reduce downtime

Help optimise productivity

MODERN EQUIPMENT PLACES GREATER DEMANDS ON THE OIL

THIS MEANS GETTING THE MOST OUT OF YOUR ENGINES, TRANSMISSIONS, HYDRAULIC SYSTEMS AND GREASED COMPONENTS

- Improved combustion efficiency
- Increased power output
- Higher temperatures
- Better fuel efficiency
- Reduced emissions

Advanced wear **protection** improved reliability

Longer oil life reduce maintenance spend

Designed for optimum **efficiency** and **performance**

ENGINE OILS – Help keep your fleet on the road even longer with the high-performance, Shell Rimula

TRANSMISSIONS – The excellent performance from your transmissions, Shell Spirax

SHELL RIMULA R5 LE & SHELL RIMULA R4 L

- Shell Rimula R4 L and R5 LE (CK-4) provide robust protection for today's engines
- Enhanced oxidation control: Guards against oil breakdown in hotter engine conditions
- Key product benefits include:
 - Improved shear stability¹
 - Excellent aeration control²
 - Improved fuel economy³

SHELL SPIRAX S6 CXME HELPS COMPANIES TO

- Reduce costs by prolonging component life through outstanding frictional and antiwear performance
- Reduce oil change-out frequency with an all temperature, multi-season product
- Improve productivity through excellent oxidation stability, which enables extended oil drain intervals

HYDRAULIC FLUIDS – An exceptional drive, stop after stop, from Shell Tellus S2 MX & VX

GREASE – Smooth the way to successful fleet ownership, Shell Gadus

SHELL TELLUS S2 MX & VX

- Shell Tellus S2 MX and VX protects and lasts longer⁴
- Up to 75% better at reducing sludge formation in thermal stability testing⁵
- Oil life lasts up to 3x longer in operation than the industry standards and OEM Limits⁶

SHELL GADUS S2 V220 AC 2

- Consistent performance over longer periods
- Excellent lasting protection
- Multi-purpose EP protection with water and corrosion resistance

SUPPORTING YOU WHEN IT MATTERS

EXPERT SERVICE – Cutting-edge round-the-clock support from the Shell Lubricants team

LUBEANALYST
See problems and solve them before they happen

LUBEMATCH
Choose the right lubricants for every part

LUBECHAT
24/7 expert knowledge and advice

LONGER EQUIPMENT LIFE [+] LESS DOWNTIME [+] LOWER TCO [+] EXPERT ADVICE [=] **THE RIGHT FOUNDATIONS**

SHELL LUBRICANTS PRODUCT SPECIFICATION

Our international network of experts works with you to develop a package of products tailored to your individual needs and services that help you improve your productivity. We offer a comprehensive lubricant portfolio with which we can help you select the right products, storage and application of your lubricants.

PRODUCT	BENEFITS AND APPLICATIONS	TECHNOLOGY	ISO VISCOSITY GRADES	SPECIFICATIONS AND APPROVALS
SHELL RIMULA RANGE OF ENGINE OILS				
SHELL RIMULA R5 LE	<ul style="list-style-type: none"> Low emissions Energy saving 	Synthetic technology, Low SAPS Dynamic protection plus	10W-40 / 10W-30	ACEA E9/E7, API CK-4, Jaso DH-2, Volvo VDS-4.5/VDS-4, Mack EOS-4.5/EO-O Premium Plus, MB-Approval 228.31, MAN M 3575, MTU Typ 2.1, Caterpillar ECF-3/ECF-2, Cummins CES 20081/20086, Renault VI RLD-4/RLD-3, Deutz DQC III-10 LA and DDC 93K218/93K222
SHELL RIMULA R4 L	<ul style="list-style-type: none"> Low emissions Extra life – improved protection 	Mineral oil Low SAPS Dynamic protection	15W-40	ACEA E9/E7, API CK-4, MB 228.31, Volvo VDS-4.5/VDS-4, Cummins CES 20081/20086, Deutz DQC III-10 LA, MAN M3575, MTU Category 2.1, Mack EOS-4.5/EO-O Premium Plus, Renault RLD-3/RLD-4, Allison TES 439 and DDC 93K218/93K222
SHELL RIMULA R4 X	<ul style="list-style-type: none"> Unique active technology Modern engine – high power 	Mineral oil	15W-40	ACEA E7/E5/E3, API CI-4/CF/SL, Jaso DH-1, Global DHD-1 and Iveco T1. Caterpillar ECF-1-A/ECF-2, Cummins CES 20078/20077/20076/20075/20072/20071, DDC 93K215, Deutz DQC III-10, Mack EO-M/EO-M Plus, MAN M 3275-1, MB-Approval 228.3, MTU Typ 2, Renault Trucks RLD-2, Volvo VDS-3
SHELL SPIRAX RANGE OF TRANSMISSION & AXLE OILS				
SHELL SPIRAX S6 CXME	<ul style="list-style-type: none"> Energy saving Maintenance saving 	Synthetic technology	10W-40	Caterpillar TO-4/TO-4M, ZF TE-ML 03C Suitable for use in applications where Allison C-4 type fluids are required
SHELL SPIRAX S4 CX (TRANSMISSION)	<ul style="list-style-type: none"> Reliable protection Long oil life 	Mineral	30	Caterpillar TO-4, ZF TE-ML 03C/07F Suitable for use in applications where Allison C-4 type fluids are required
SHELL SPIRAX S4 CX	<ul style="list-style-type: none"> Reliable protection Long oil life 	Mineral	10W	Caterpillar TO-4, ZF TE-ML 03C Suitable for use in applications where Allison C-4 type fluids are required
SHELL SPIRAX S3 ALS (LIMITED SLIP DIFFERENTIAL)	<ul style="list-style-type: none"> Increased protection For automotive axle units with limited slip differentials 	Mineral	80W-90	API GL-5 LS, ZF TE-ML 05C/12C/21C, meets MIL-L-2015D
SHELL GADUS RANGE OF GREASES				
SHELL GADUS S3 V220 C2	<ul style="list-style-type: none"> Wheel bearing grease 	Mineral oil with lithium complex thickener	NLGI 2	Industry standard multipurpose grease, numerous OEM approvals
SHELL TELLUS RANGE OF HYDRAULIC FLUIDS				
SHELL TELLUS S4 VX	<ul style="list-style-type: none"> Ultra-low temperature Versatile application 	Special base oils ashless	HV/32	Approved by Komatsu Mining, Komatsu and DIETZ automation (servo valve and proportional valve test equipment)
SHELL TELLUS S2 VX	<ul style="list-style-type: none"> Extra protection Versatile application Long life 	Mineral zinc-based	HV/15, 22, 32, 46, 68, 100	Approved by Bosch Rexroth (RDE 90245), Approved by Parker Denison, Eaton, Fives (Cincinnati Machine) and many other equipment manufacturers. Industry standards: ISO 11158, ASTM D6158 (HV), US Steel 126, DIN 51524-3
SHELL TELLUS S2 MX	<ul style="list-style-type: none"> Extra protection Industrial applications Long life 	Mineral zinc-based	HM/22, 32, 46, 68, 100	Approved by Bosch Rexroth (RDE 90245), Parker Denison, Eaton, Fives (Cincinnati Machine) and many other equipment manufacturers. Industry standards: ISO 11158, ASTM D6158 (HM), US Steel 126, DIN 51524-2



Find out more by visiting
shell.co.uk/driveline

¹ Demonstrated in the ASTM D7109 test
² Caterpillar Oil Aeration Test
³ Shell Rimula R5 LE 10W-30 demonstrated fuel economy of up to 1.6% in on the road testing compared to 15W-40 oils and SAE 10W-40 demonstrated fuel economy of up to 1.0% in MAN Euro 4 engines compared to 15W-40 oils using city drive cycles

⁴ Compared using TOST and RPVOT tests
⁵ Compared with ASTM D2070 test limit
⁶ Compared using TOST and RPVOT tests