



Shell Marine

OFFSHORE

OFFERING INTEGRATED SOLUTIONS WITH
GLOBAL REACH AND LOCAL PRESENCE





OUR LUBRICANTS AND SERVICES AIM TO IMPROVE EQUIPMENT RELIABILITY AND PERFORMANCE, AND EXTEND SERVICE INTERVALS.

OPTIMISE AND DRIVE EFFICIENCY IN OFFSHORE OPERATIONS

As part of the Shell Group, a major offshore operator, Shell Marine understands the importance of working with a partner with the right commercial and technical expertise to help optimise and drive efficiency in offshore operations. Shell Marine brings value to its customers' operations by offering integrated business solutions, including high-quality lubricant products, business consulting and technical services, to meet the requirements of a wide range of offshore operations.

- **Simplicity:** At Shell Marine, we serve customers around the globe. We have teams of offshore experts that manage the global business and local operations. Our global offshore team can help customers to reduce costs by advising on simplifying procurement processes and reducing costs through benchmarking, by consolidating vendors and suggesting methods to supply to remote areas and new markets. They are supported by our local offshore teams that help customers to meet local requirements and ensure timely delivery.
- **Reliability.** With a global supply chain of more than 40 lubricant blending plants and a network of over 700 ports across 59 countries, Shell Marine can be relied on to provide security of supply. We work with a strong network of well-established local partners to

offer the local flexibility and responsiveness that many offshore customers need. If your vessel or rig moves or repositions, the same high-quality Shell Marine oils and greases are available for you in many major ports across the world's oil and gas provinces to provide continuity of production.

- **Expertise.** Shell Marine's comprehensive portfolio of high-performing lubricants promotes equipment reliability. A dedicated team of experts with extensive industry and product knowledge built on a century of experience understands your business needs. You can take advantage of value-adding technical services to help overcome operational complexities and reduce your operating costs. Our experts can assist with providing cost-effective solutions to help you optimise your operations across different equipment types when using our products.
- **Health, safety, security and environment.** Shell has a clear commitment to health, safety, security and environment, and works continuously to embed a safety culture throughout its organisation. Shell Marine applies rigorous operating procedures and quality standards, and the latest technologies to enable safe and reliable deliveries to customers.

DRILLING RIGS



MAIN ENGINES



WINCHES



CRANES



DRAWWORKS



PURIFIERS



COMPRESSORS



HYDRAULIC TOP DRIVES



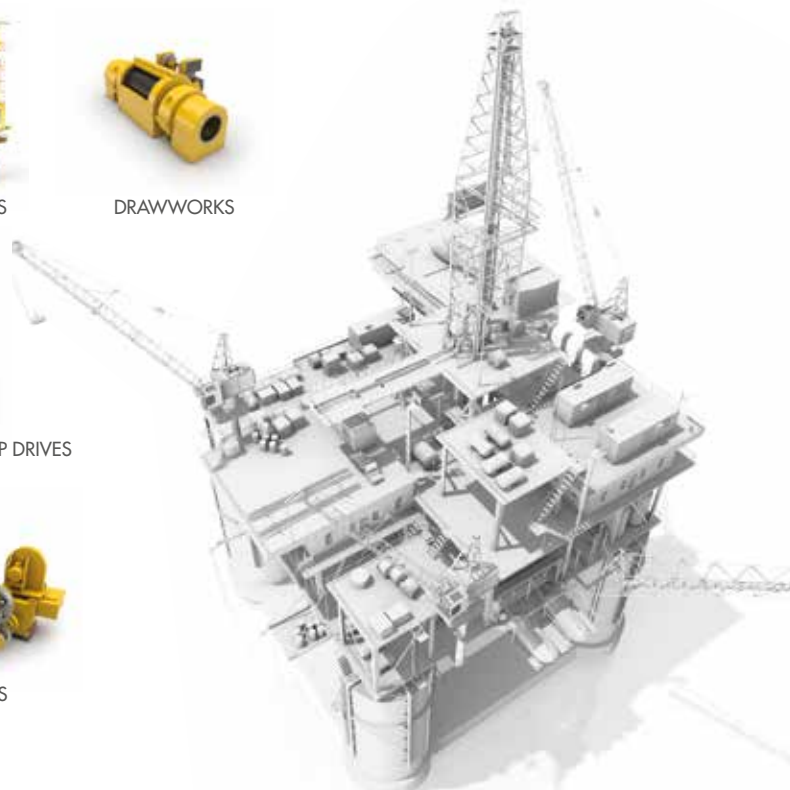
GEARBOXES



HYDRAULIC SYSTEMS



MUD PUMPS



OILS

DIESEL ENGINES – MEDIUM SPEED

Shell Gadinia S3 30/40, Shell Gadinia AL 40 For use with distillate fuels

Shell Caprinus XR40/ X59 40 Engine oil (for electromotive diesel engines)

DIESEL ENGINES – HIGH SPEED

Shell Rimula R4 X 15W-40 Multigrade (outside USA)

Shell Rotella T4 Triple Protection 15W-40 Multigrade (within USA)

REFRIGERATION COMPRESSORS

Shell Refrigeration S4 FR-V For use with HCFC gases

Shell Refrigeration S4 FR-F For use with HFC gases

AIR COMPRESSORS

Shell Corena S4 P For reciprocating compressors

Shell Corena S4 R For rotary and screw compressors

GAS COMPRESSORS

Shell Gas Compressor Oil S4 PV Polyalkylene glycol (PAG) based for hydrocarbons and other gases

HYDRAULIC SYSTEMS

Shell Tellus S2 MX Hydraulic oil

Shell Tellus S2 VX Wide-temperature-range hydraulic oil

Shell Tellus S3 M Severe-duty, zinc-free hydraulic oil

OILS

GEAR SYSTEMS

Shell Omala S2 GX Industrial, extreme-pressure gear oil

Shell Omala S4 GXV Synthetic, extreme-pressure gear oil

Shell Morlina S4 B Synthetic gear oil/circulation and bearing oil

Shell Morlina S2 B Gear oil/circulation and bearing oil

Shell Spirax S4 ATF HDX/ TXM Universal transmission fluid

Shell Spirax S3 AX Hypoid gear oil

GREASES

Shell Gadus S5 V100 High-performance, high-temperature grease

Shell Gadus S3 V220C 2 Multipurpose, high-temperature grease

Shell Gadus S2 V220 Multipurpose grease

Shell Gadus S3 High Speed Coupling Special grease for gear couplings

Shell Gadus S2 A320 Open gear and wire rope grease

Shell Gadus Rail S2 TMB Traction motor bearing grease

Shell Gadus S2 V100 3 Electric motor grease

ENVIRONMENTAL

Shell Naturelle HF-E Synthetic ester hydraulic fluid

Shell Naturelle S4 Gear Fluid Synthetic ester gear fluid

Shell Naturelle S2 Wire Rope Lubricant A High-performance, fully biodegradable, water-resistant grease

Shell Naturelle Grease S5 V120 P 2 Biodegradable, extreme-pressure grease

OFFSHORE SUPPORT VESSELS



MAIN ENGINES



WINCHES



CRANES



PURIFIERS



COMPRESSORS



GEARBOXES



HYDRAULIC SYSTEMS



LUBRICANTS

DIESEL ENGINES – MEDIUM SPEED

Shell Gadinia S3 30/40
Shell Gadinia AL 40 For use with distillate fuels

Shell Caprinus XR 40/
X59 40 Engine oil (for electromotive diesel engines)

DIESEL ENGINES – HIGH SPEED

Shell Rimula R4 X
15W-40 Multigrade (outside USA)

Shell Rotella T4 Triple
Protection 15W-40 Multigrade (within USA)

GAS ENGINES

Shell Mysella S3 N Gas engine oils

REFRIGERATION COMPRESSORS

Shell Refrigeration S4
FR-V For use with HCFC gases

Shell Refrigeration S4
FR-F For use with HFC gases

AIR COMPRESSORS

Shell Corena S4 P For reciprocating compressors

Shell Corena S4 R For screw compressors

LUBRICANTS

HYDRAULIC SYSTEMS

Shell Tellus S2 MX Hydraulic oil

Shell Tellus S2 VX Wide-temperature-range hydraulic oil

Shell Tellus S3 M Severe-duty, zinc-free hydraulic oil

GEAR SYSTEMS

Shell Omala S2 GX Industrial, extreme-pressure gear oil

Shell Omala S4 GXV Synthetic, extreme-pressure gear oil

Shell Morlina S4 B Synthetic, gear oil bearing/circulation oil

Shell Morlina S2 B Gear oil/circulation oil

Shell Spirax S4 ATF HDX/
TXM Universal transmission fluid

Shell Spirax S3 Hypoid gear oil

GREASES

Shell Gadus S5 V100 High-performance, high-temperature grease

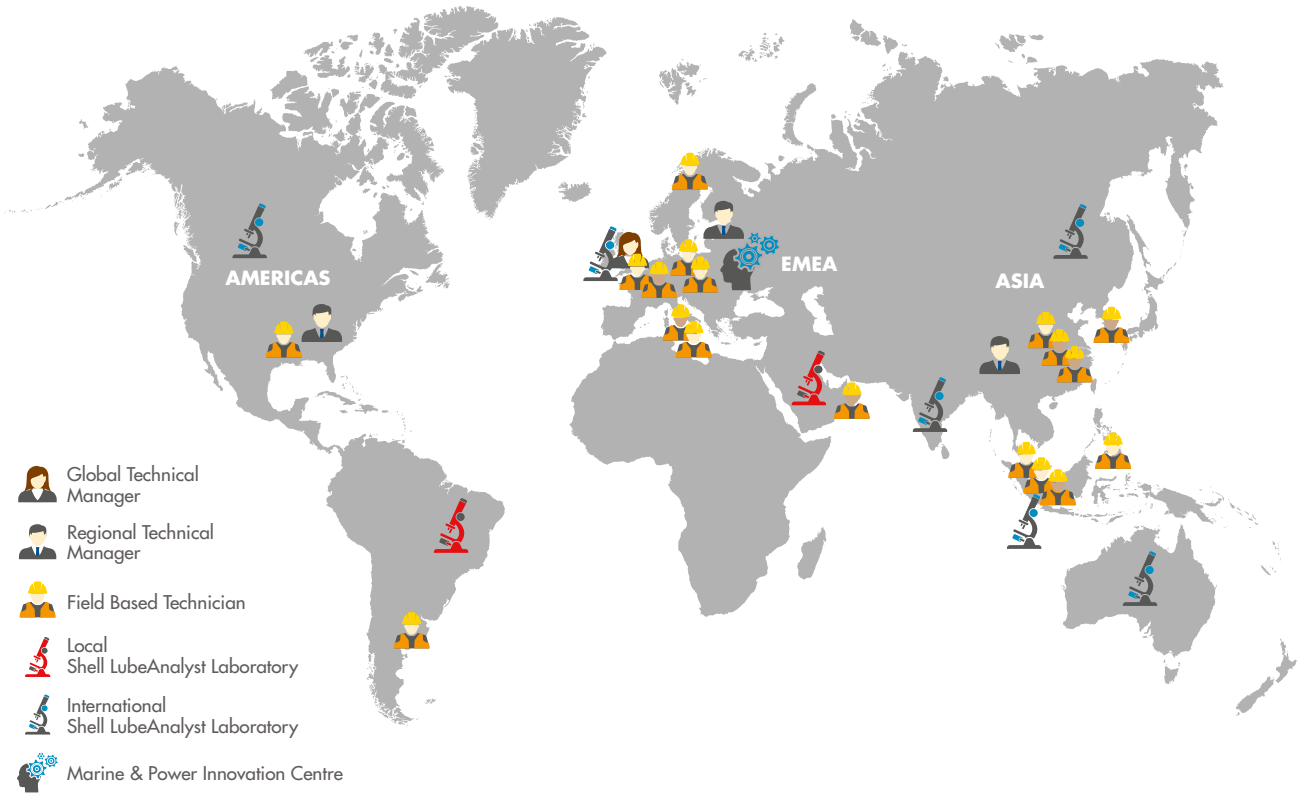
Shell Gadus S2 V220 Universal grease

Shell Gadus S3 High
Speed Coupling Special grease for gear couplings

Shell Gadus S2 A320 Open gear and wire rope grease

Additional grades are available through the Shell Marine portfolio. Please contact your local Shell Marine account manager or technical focal point for further product recommendations.

DEDICATED TO RESEARCH AND DEVELOPMENT



Shell has been the largest investor in research and development among the international oil and gas companies on a cumulative basis since 2007. Shell's Marine and Power Innovation Centre in Hamburg, Germany, is home to a dedicated team of marine engineers and scientists. Having our own engines and a laboratory at the centre enables our experts to optimise formulations and develop marine engine oils that meet engine manufacturers' requirements.

Shell Marine offers integrated lubrication solutions that focus on your challenges and works with you to demonstrate the potential value of using Shell lubricants in your vessels or rigs. These solutions combine a comprehensive product range with international technical services. We are a single supplier for all your needs, including access to a full range of marine fuels and chemical products through other Shell companies.



SHELL SERVICES¹

Shell LubeAnalyst²

A flexible used-oil laboratory analysis service designed to help save you time and money on maintenance resulting from equipment failure. This early-warning system aims to give you peace of mind that your equipment and lubricants are in optimum working order.

Shell LubeAdvisor

This on-site support from a global team of field-based engineers includes lubrication surveys, vessel assessments and in-depth technical and applications support when required. Back-up support is provided by telephone, fax or email.

¹Please contact your Shell account manager about availability in your region

²Formerly known as Rapid Lubricant Analysis



FIND OUT MORE

For more information on our products or their applications, please contact your Shell Marine representative or email to shellmarine-info@shell.com

Visit www.shell.com/marine

"Shell Marine" is the principal brand under which Shell Group companies market and operate in marine lubricants. It is not a business, organisation or legal entity of any sort. "Shell" is an abbreviated generic reference to the Shell Group of companies.

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