

# SHELL RIMULA MEETING THE CHALLENGES OF MODERN FARMING

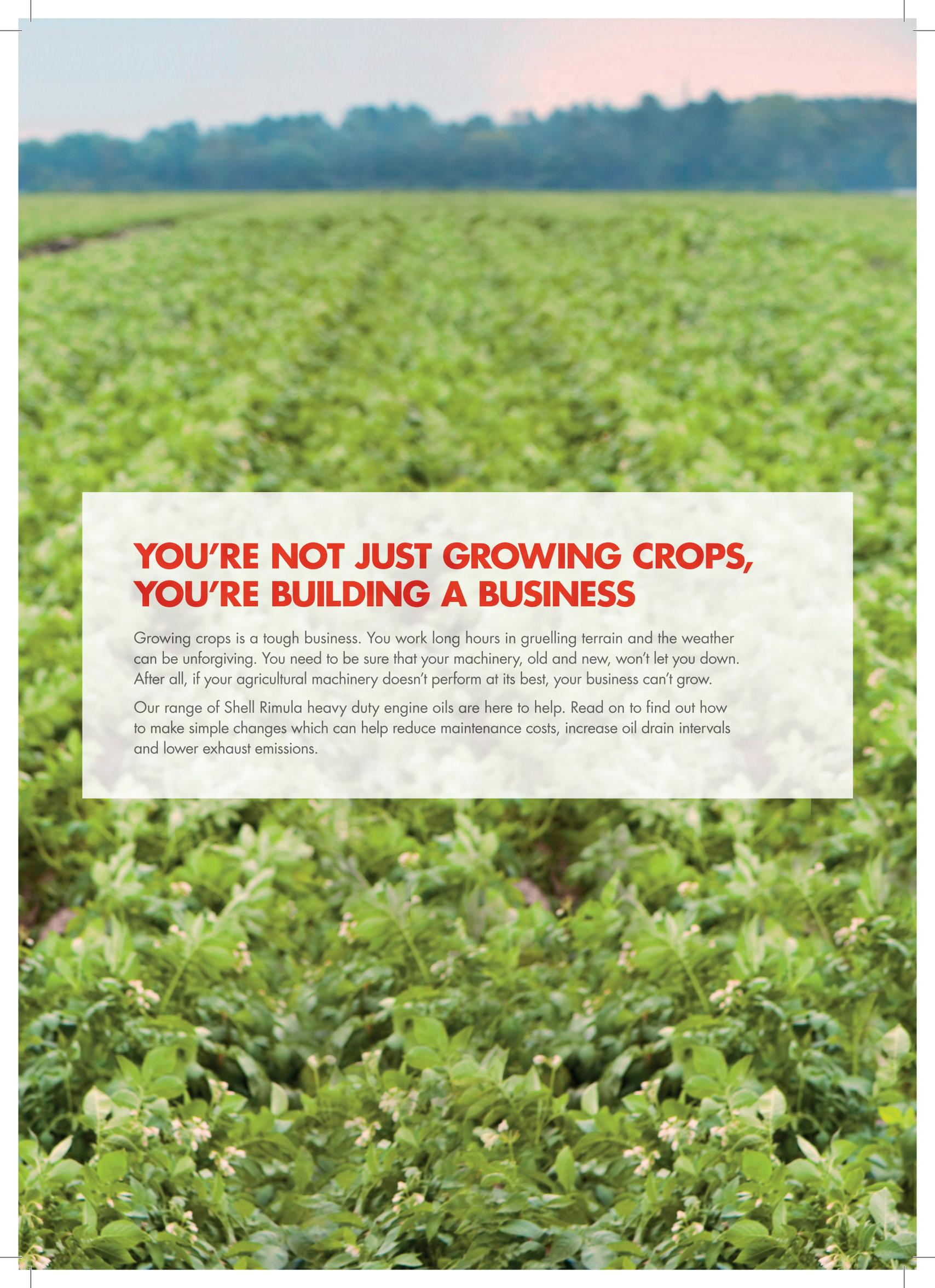


Shell  
**RIMULA**

THE ENGINE OIL THAT WORKS AS HARD AS YOU







## **YOU'RE NOT JUST GROWING CROPS, YOU'RE BUILDING A BUSINESS**

Growing crops is a tough business. You work long hours in gruelling terrain and the weather can be unforgiving. You need to be sure that your machinery, old and new, won't let you down. After all, if your agricultural machinery doesn't perform at its best, your business can't grow.

Our range of Shell Rimula heavy duty engine oils are here to help. Read on to find out how to make simple changes which can help reduce maintenance costs, increase oil drain intervals and lower exhaust emissions.

# TECHNOLOGY THAT WORKS FOR YOU

In the agricultural industry, machines with operational reliability are critical to a good harvest. That's why you can't afford equipment downtime from poor lubricants or lubrication practices.

Shell Lubricants can help reduce your process and equipment-ownership costs using top-tier oils designed to provide enhanced protection, reduced lubricant consumption and improved efficiency. All this, thanks to what we call Dynamic Protection Plus Technology - a combination of synthetic base oil technology and our Adaptive Additive Technology. The result is a range of top-tier engine oils that actively works to provide benefit in 4 key areas:

- Reducing maintenance costs
- Controlling emissions
- Long oil-drain intervals
- Reducing waste oil

**SYNTHETIC  
BASE OIL  
TECHNOLOGY**



**ADAPTIVE  
ADDITIVE  
TECHNOLOGY**



**DYNAMIC  
PROTECTION  
PLUS**



# WHY IS THIS GOOD FOR YOU AND YOUR EQUIPMENT?

Shell lubricants are versatile, they offer high performance and protection to both your off-highway and your on-highway vehicles.

## REDUCE MAINTENANCE COSTS

**Up to 51% Better Engine Wear Protection<sup>1</sup>**  
**Up to 45% Better Piston Cleanliness<sup>2</sup>**

- Our new anti-wear protection system helps to reduce friction
- Engine life is maximised to avoid unplanned downtime

<sup>1</sup>Relates to Shell Rimula R6 LME only, up to 51% better engine wear protection compared to revised more stringent MB 228.51 limit, as measured in s MB OM 646 LA engine tests.  
<sup>2</sup>Shell Rimula R6 LME delivers up to 45% better piston cleanliness compared to the, revised more stringent MB 228.51 limit, as measured in MB OM 501 LA engine tests

## LOWER EMISSIONS<sup>3</sup>

- Blocked filters increase fuel consumption
- Low-ash additive system reduces filter blocking<sup>3</sup> and maintains control of wear and deposits

<sup>3</sup>Unique low-ash additive system designed to perform with diesel particulate filters (DPF).

## INCREASE OIL DRAIN INTERVALS

**150,000km oil drain intervals<sup>4</sup>**

- Delivering durability during extended oil drain intervals
- Providing a possible reduction in vehicle downtime

<sup>4</sup>Relates to Shell Rimula R6 LME and compared to industry standard 15W-40 oils. Shell Rimula R6 LME is proven to deliver 150,000 km oil drain intervals. Exact oil drain intervals will depend on vehicle type and application.

# INCREASINGLY EFFICIENT PROTECTION

From engine oils to axle greases, Shell Lubricants for Agriculture offers a range of manufacturer approved oils to meet your specific needs. Find out which lubricants will work best for you in the table below.

	ENGINES	TRACTOR TRANSMISSIONS
Advanced	Shell <b>Rimula R6 LME</b>	Shell <b>Spirax S6 TXME</b>
	<b>SYNTHETIC TECHNOLOGY</b> 	<b>SYNTHETIC TECHNOLOGY</b> 
	Shell <b>Rimula R5 IE</b>	
	<b>SYNTHETIC TECHNOLOGY</b> 	
	Shell <b>Rimula R5 E</b>	
		
Premium	Shell <b>Rimula R4 X</b>	Shell <b>Spirax S4 TXM</b>
		
Mainline	Shell <b>Rimula R2 Multi</b>	Shell <b>Spirax S2 T</b>
		
		Shell <b>Spirax S2 TQ</b>
		

**APPLICATION ICON KEY**

-  Heavy truck
-  Bus/coach
-  Large truck
-  Medium truck

-  Tractor
-  Construction / mobile applications
-  Passenger car
-  Pick-up

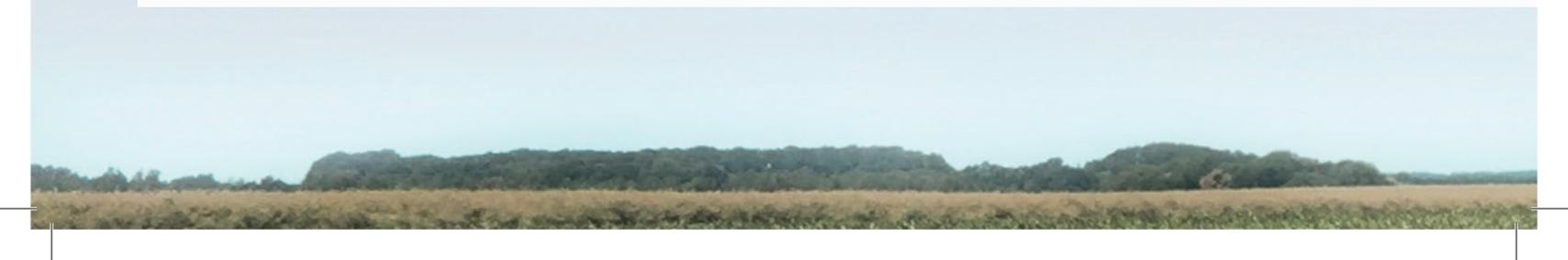
**PRODUCT NAME SUFFIX KEY**

- A = Axle
- E = Energy efficiency
- LS = Limited Slip
- M = Low maintenance

- T = Tractor
- M = Multi-vehicle/multi-OEM
- Q = Quiet
- V = Lithium based grease

## OUR RANGE FEATURING DYNAMIC PROTECTION PLUS TECHNOLOGY

<sup>1</sup>Compared to industry standard 10W-40 oils. Exact benefits and/or savings may vary, depending on, for example, vehicle type, the application, the operating conditions, the current products being used, the condition of the equipment and the maintenance practices.  
<sup>2</sup>Compared to industry standard 15W-40 oils. Exact benefits and/or savings may vary, depending on, for example, vehicle type, the application, the operating conditions, the current products being used, the condition of the equipment and the maintenance practices.  
<sup>3</sup>Compared with SAE 15W oils.  
<sup>4</sup>Compared with API CH-4/ACEA E3 competitor oils (PDSC oxidation test).



HYDRAULICS	FRONT-WHEEL-DRIVE AXLES AND HARVESTER AXLES	GREASES
Shell <b>Tellus S3 V46</b>		Shell <b>Gadus S3 V220C</b>
		
Shell <b>Spirax S6 TXME</b> <b>SYNTHETIC TECHNOLOGY</b> 		
Shell <b>Spirax S2 V46</b>	Shell <b>Spirax S3 ALS 80W-90</b>	Shell <b>Gadus S2 V220AC</b>
		
Shell <b>Spirax S4 TXM</b>		
		
Shell <b>Spirax S2 M68</b>	Shell <b>Spirax S2 ALS 90</b>	Shell <b>Gadus S2 V230</b>
		
Shell <b>Spirax S2 T/TD</b>		
		



### SHELL RIMULA R6 LME

Low emissions plus maintenance savings and fuel economy<sup>1</sup>



### SHELL RIMULA R5 LE

Proven fuel economy capability<sup>2</sup>



### SHELL RIMULA R5 E

Fuel economy saving<sup>3</sup> and more resistance to oil breakdown<sup>4</sup>



# EXTRA SERVICES TO KEEP YOUR VEHICLES MOVING

## Shell Lube**Match**

A free web tool for instant lubricant recommendations for a wide variety of vehicles: [www.shell.com/lubematch](http://www.shell.com/lubematch)

## Shell Lube**Advisor**

Offers technical advice to help you choose the right product for your equipment and business needs.

## Shell Lube**Analyst**

Oil and equipment condition monitoring can give you an early indication of potential issues, to reduce the risk of breakdowns, maintenance and repair costs.

## Shell Lube**Coach**

Provides relevant training on topics including health and safety, storage, handling and maintenance practices.

## WHO WE WORK WITH

We know you need a reliable agricultural fleet. That's why we work closely with industry OEMs to truly understand your challenges. We believe in investing significantly in research and development to create innovative products that help make savings, ultimately allowing you to reach your destination.

## HOW WE HELPED FARM SAPPHIRE AND SAVED THEM MONEY

Before using Shell lubricants, our customer applied a number of heavy duty diesel engine oils and transmission oils to the wheels of its JD 6930 tractors. Farm Sapphire wanted to minimise stock and operational costs by extending their oil drain intervals.

We recommended Shell Rimula R5 E 10W-40 as heavy duty diesel engine oil and Shell Spirax S4 TXM as transmission oil solution and monitored their condition with Shell LubeAnalyst service.

This represented a total savings for Farm Sapphire's 21 tractors of 10,690 USD\* per year, thanks to their extended ODI.

\*The savings indicated are specific to the calculation date and mentioned site. These calculations may vary from site to site and from time to time, depending on, for example, the application, the operating conditions, the current products being used, the condition of the equipment and the maintenance practices.

Contact your local Shell representative to find out more.