

SHELL LUBRICANTS APPLICATION GUIDE



1a DIESEL ENGINE



- 3a GEARBOX AND MANUAL TRANSMISSION
- 3b STEERING SYSTEM AND LINKS
- 3c REAR AXLE



- 2a STEERING KING PINS
- 2b DRIVESHAFT CROSS JOINTS AND SPLINES
- 2c SUSPENSION SPRING PINS
- 2d FIFTH WHEEL TURNABLE
- 2e WHEEL HUB BEARINGS
- 2f BRAKE SLACK ADJUSTERS
- 2g SPRING PIVOT
- 2h HANGER PINS
- 2i BRAKE CAMS



KEY OPERATIONAL CHALLENGES	SOLUTIONS	WEAR PROTECTION AND DEPOSIT CONTROL FOR LONG ENGINE LIFE	LONG OIL LIFE FOR FEWER CHANGES AND REDUCED PRODUCT CONSUMPTION	FOR CLEANLINESS, LOW EMISSIONS AND FUEL ECONOMY
ENGINES Your business success depends on your ability to: <ul style="list-style-type: none"> ■ Extend oil drain intervals ■ Maximise engine life ■ Improve fuel economy ■ Extend diesel particulate filter replacement intervals ■ Control exhaust emissions 	SHELL RIMULA ULTRA 5W-30	✓ ✓ ✓ ✓ ✓	✓ ✓ ✓ ✓ ✓	✓ ✓ ✓ ✓ ✓
	SHELL RIMULA R6 LM 10W-40	✓ ✓ ✓ ✓ ✓	✓ ✓ ✓ ✓ ✓	✓ ✓ ✓ ✓ ✓
GEARBOX AND MANUAL TRANSMISSIONS <ul style="list-style-type: none"> ■ Extend oil drain intervals ■ Maximise engine life ■ Improve fuel economy 	SHELL SPIRAX S6 GXME 75W-80	✓ ✓ ✓ ✓ ✓	✓ ✓ ✓ ✓ ✓	✓ ✓ ✓ ✓ ✓
	SHELL SPIRAX S3 GX 80W-90	✓ ✓ ✓ ✓ ✓	✓ ✓ ✓ ✓ ✓	✓ ✓ ✓ ✓ ✓
REAR AXLES <ul style="list-style-type: none"> ■ Extend oil drain intervals ■ Maximise engine life ■ Improve fuel economy 	SHELL SPIRAX S6 AXME 75W-90	✓ ✓ ✓ ✓ ✓	✓ ✓ ✓ ✓ ✓	✓ ✓ ✓ ✓ ✓
	SHELL SPIRAX S3 AX 80W-90 / 85W-140	✓ ✓ ✓ ✓ ✓	✓ ✓ ✓ ✓ ✓	✓ ✓ ✓ ✓ ✓
5TH WHEEL TURNABLE <ul style="list-style-type: none"> ■ Water resistance or washout resistance ■ Rust inhibition ■ Anti-wear and extreme-pressure additives Note: The top plate requires exceptional adhesiveness and very high content of solid lubricants	SHELL GADUS S3 V 460 XD 2	✓ ✓ ✓ ✓ ✓	✓ ✓ ✓ ✓ ✓	✓ ✓ ✓ ✓ ✓
	SHELL GADUS S2 V220 AD2	✓ ✓ ✓ ✓ ✓	✓ ✓ ✓ ✓ ✓	✓ ✓ ✓ ✓ ✓
WHEEL BEARINGS <ul style="list-style-type: none"> ■ Water resistance or washout resistance ■ Rust inhibition to protect against corrosion ■ Anti-wear and extreme-pressure additives 	SHELL GADUS S3 V220C 2	✓ ✓ ✓ ✓ ✓	✓ ✓ ✓ ✓ ✓	✓ ✓ ✓ ✓ ✓
	SHELL GADUS S2 V220 2	✓ ✓ ✓ ✓ ✓	✓ ✓ ✓ ✓ ✓	✓ ✓ ✓ ✓ ✓