

ENGINE SPECIFICATIONS

	V6 Diesels	V8 Petrol
Capacity	2 993 cm ³	5 000 cm ³
Firing order	1-4-2-5-3-6	1-5-4-2-6-3-7-8
Bore	84.0 mm	92.5 mm
Stroke	90.0 mm	93.0 mm
Number of cylinders	6	8
Compression ratio	16.1:1	11.5:1

LUBRICANTS AND FLUIDS

Part	Variant	Specification
Engine oil	V6 diesel vehicles	SAE 5W-30 meeting specification WSS-M2C934-B only. If unavailable, oil meeting specification ACEA:C2 can be used.
	V8 petrol vehicles	SAE 5W-20 meeting specification WSS-M2C925-A only.
Transmission oil	6 speed transmission	Shell ATF M1375.4
	8 speed transmission	Shell ATF L12108
Transfer gearbox oil	All vehicles	Shell TF 0753
Front differential oil	All vehicles	Castrol SAF-XO
Rear differential oil	Non-locking	Castrol SAF-XO
Rear differential oil	Electronic Locking	Castrol SAF Carbon Mod Plus
Power steering fluid	All vehicles	Texaco Cold Climate PAS fluid
Brake fluid	All vehicles	Shell DOT4 ESL. If unavailable, a low viscosity, synthetic compatible DOT4 brake fluid that meets ISO 4925 class 6 and Land Rover LRES22BF03 requirements may be used.
Screen washer	All vehicles	Screen wash with frost protection
Coolant	All vehicles	50% mixture of Castrol SF antifreeze and water.