

ENGINE SPECIFICATIONS

	V8 (Normally Aspirated)	V8 (Supercharged)
Capacity	305 cubic in. (5 000 cm ³)	305 cubic in. (5 000 cm ³)
Firing order	1-5-4-2-6-3-7-8	1-5-4-2-6-3-7-8
Bore	3.64 in. (92.5 mm)	3.64 in. (92.5 mm)
Stroke	3.66 in. (93.0 mm)	3.66 in. (93.0 mm)
Number of cylinders	8	8
Compression ratio	11.5:1	9.5:1

LUBRICANTS AND FLUIDS

Part	Specification
Engine oil	SAE 5W-20 meeting specification WSS-M2C925-A only*.
Main gearbox oil	Shell ATF M1375.4
Transfer gearbox oil	Shell TF 0753
Front differential oil	Castrol SAF-XO
Rear differential oil (non-locking)	Castrol SAF-XO
Rear differential oil (electronic locking)	Castrol SAF Carbon Mod Plus
Power steering fluid	Texaco Cold Climate PAS fluid
Dynamic response fluid	Texaco Cold Climate PAS fluid
Brake fluid	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.
Windshield washer	Windshield wash with frost protection
Coolant	50% mixture of Castrol SF antifreeze and water.

*In an emergency, if the correct oil specification is unavailable, the engine can be topped up using a maximum of 2 U.S. pints (1 litre) of 5W-20 oil meeting specification ILSACGF-4 API SM.