TECHNICAL SPECIFICATIONS

Lubricants and fluids

Part	Variant	Specification
Engine oil	Diesel vehicles	SAE 5W-30 meeting specification WSS-M2C934-B only [1]
Engine oil	V6 Petrol vehicles	SAE 5W-30 meeting specification WSS-M2C913-C only [2]
Engine oil	V8 Petrol vehicles	SAE 5W-20 meeting specification WSS-M2C925-A only
Main gearbox oil	Manual transmission	Castrol MTF BOT338
Main gearbox oil	Automatic transmission	Shell ATF M1375.4
Transfer gearbox oil	All vehicles	Shell TF 0753
Front differential oil	All vehicles	SAF XO
Rear differential oil	Non-locking	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 [3]
Screen washer	All vehicles	Screen wash with frost protection
Coolant	All vehicles	50% mixture of Castrol SF antifreeze and water.

[1] If you are unable to find an oil that meets the specification defined by WSS-M2C934-B, an SAE 5W-30 engine oil meeting specification ACEA:C2 can be used.

[2] If you are unable to find an oil that meets the specification defined by WSS-M2C913-C, an SAE 5W-30 engine oil meeting specification ACEA:A3/B3 can be used.

[3] If Shell DOT4 ESL is not available, a low viscosity DOT4 brake fluid that meets ISO 4925 class 6 and Land Rover LRES22BF03 requirements may be used.

Capacities

CAUTION

The quoted capacities are approximate and provided as a guide only. All oil levels must be checked using the dipstick or level plugs as applicable.

Item	Variant	Capacity
Fuel tank	Diesel vehicles	82 litres (18 gallons)
	Petrol vehicles	86 litres (19 gallons)
Engine oil refill and filter change	2.7L Diesel vehicles	5.45 litres (9.6 pints)
	3.0L Diesel vehicles	5.65 litres (9.94 pints)
	V8 Petrol vehicles	8.0 litres (14.0 pints)
	V6 Petrol vehicles	5.7 litres (10 pints)
Manual gearbox	All vehicles	1.6 litres (2.6 pints)
Automatic gearbox	All vehicles	Filled for life
Transfer box	All vehicles	1.5 litres (2.64 pints)
Front differential	All vehicles	0.66 litres (1.2 pints)
Rear differential - non-locking	All vehicles	1.16 litres (2.0 pints)
Rear differential - electronic locking	All vehicles	1.61 litres (2.8 pints)
Washer reservoir	All vehicles	5.4 litres (9.5 pints)
Cooling system (refill)	Diesel vehicles	8.0 litres (14.1 pints
	V8 Petrol vehicles	8.6 litres (15.1 pints)
	V6 Petrol vehicles	8.5 litres (15 pints)

Adjustments

Item	Setting
Brake pedal free travel	Not adjustable
Clutch pedal free travel	Not adjustable