

Section 21

Fluid Specification Table

SPEC.	COMPONENT	CAPACITY (Litres)	LUBRICANT	TEMPERATURE		
				BELOW 0°C	0-32°C	ABOVE 32°C
1	Engine	26	Engine Oil	SAE15W-40 API CD-II (Valvoline - Super Diesel 15W -40 or Equivalent)	SAE40 API CD-II (Valvoline - All Fleet Premium 40 or Equivalent)	SAE50 API CD-II (Valvoline - All Fleet Premium 40 or Equivalent)
2	Transmission	40	Mineral Gear Oil	SAE10W CAT TO-4 (Valvoline - Valtorque C4 10W or Equivalent)	SAE30 CAT TO-4 (Valvoline -Valtorque C4 30 or Equivalent)	SAE50 CAT TO-4 (Valvoline - Valtorque C4 50 or Equivalent)
3	Hydraulic	450	Hydraulic	ISO68 (Valvoline - Ultramax HVI 46 or Equivalent)	ISO68 (Valvoline - Ultramax 68 or Equivalent)	ISO68 (Valvoline - Ultramax 68 or Equivalent)
4	Axle / Wheel Ends	60 (Each Axle)	Mineral Gear Oil with Limited Slip Additive	SAE90LS (Valvoline - HP Gear Oil LS SAE90 or Equivalent)		
5	Cooling System	72	Pre-mixed Coolant Conditioner	Ethylene Glycol Antifreeze Inhibitor to GM 6038-M (Valvoline - Heavy Duty Coolant 50 or Equivalent)		
6	Fuel	350	Distillate "Diesel" Fuel	To ASTM D975 (Grades D-1 and D-2) and (AS3584.2 Specifications in Australia)		
7	Lube Points - Drive Line - Pins / Bushes - Door Hinges - Tow Pin - Diff Pinion Oil Seal	As required	Multi-purpose EP Grease	NLGI No. 0 or 1 (Shell - Alvania EP 0/1 or equivalent)	NLGI No. 2 (Valvoline - Valplex EP 2 or equivalent)	NLGI No. 2 (Valvoline - Valplex EP 2 or equivalent)
8	Winch Gearbox	5	Gear Oil	API-GLZ Spec (Valvoline - EPG 220 Gear Lubricant)		
9	Winch Planetary	2.5	Gear Oil	API-GLZ Spec (Valvoline - EPG 220 Gear Lubricant)		
10	Engine Drive Coupling	Refer Service Manual	High Temperature	NLGI no. 2 (Shell Stamina RL2)		



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