

8. RECOMMENDED OILS

Use only oils listed below or equivalent.

Do not mix different brand oil.

Service point	Kind of fluid	Capacity l (U.S. gal)		Ambient temperature °C (°F)							
				-20 (-4)	-10 (14)	0 (32)	10 (50)	20 (68)	30 (86)	40 (104)	
Engine oil pan	Engine oil	9.7(2.6)		SAE 30							
				SAE 10W							
				SAE 10W-30							
				SAE 15W-40							
Swing drive	Gear oil	0.6(0.16)									
Final drive		4.4 × 2 (1.2 × 2)		SAE 85W-140							
Front axle	Gear oil	Case	Hub								
		5.2 (1.4)	4.5 (1.2)	0.35 × 2 (0.1 × 2)	SAE 80W-90						
Front axle		4.7 (1.2)	4.0 (1.0)	0.35 × 2 (0.1 × 2)							
Transfer box	Gear oil	2.5(0.7)		SAE 80W-90							
Hydraulic tank	Hydraulic oil	tank : 80(21)		ISO VG 32							
				ISO VG 46							
				ISO VG 68							
Fuel tank	Diesel fuel	125(33.0)		ASTM D975 NO.1							
				ASTM D975 NO.2							
Fitting (Grease nipple)	Grease	As required		NLGI NO.1							
				NLGI NO.2							
Radiator (Reservoir tank)	Mixture of antifreeze and water 50 : 50	8(2.1)		Ethylene glycol base permanent type							

SAE : Society of Automotive Engineers

API : American Petroleum Institute

ISO : International Organization for Standardization

NLGI : National Lubricating Grease Institute

ASTM : American Society of Testing and Material