

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	10(2.6)					SAE 30		
			SAE 10W						
Transmission case		3.8(1.0)				SAE 10W-30			
						SAE 15W-40			
Swing drive	Gear oil	2.5(0.7)							
Final drive		1.0 × 4(0.3 × 2)					SAE 85W-140		
Front axle	Gear oil	11(2.9)							
Rear axle		11(2.9)					SAE 85W-90		
Hydraulic tank	Hydraulic oil	Tank: 120(31.7) System: 240(63.4)							
							ISO VG 32		
							ISO VG 46		
								ISO VG 68	
Fuel tank	Diesel fuel	250(66.1)							
							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	24(6.3)							
							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