

9. 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	27.3(7.2)					SAE 30		
				SAE 10W					
					SAE 10W-30				
					SAE 15W-40				
Swing drive	Gear oil	8.0(2.1)							
Final drive		5.5 × 2 (1.5 × 2)			SAE 85W-140				
Hydraulic tank	Hydraulic oil	Tank; 230(61)			ISO VG 32				
		System; 380(100)			ISO VG 46				
					ISO VG 68				
Fuel tank	Diesel fuel	520(137)		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	50(13.2)			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