

## 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	35(9.2)							SAE 30			
										SAE 10W		
											SAE 10W-30	
											SAE 15W-40	
Swing drive	Gear oil	11(2.9)										
Final drive		5.5×2 (1.5×2)								SAE 85W-140		
Hydraulic tank	Hydraulic oil	Tank; 210(55.5) System; 320(84.5)										
											ISO VG 32	
												ISO VG 46
											ISO VG 68	
Fuel tank	Diesel fuel	480(127)										
											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	45(12)										
											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