

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 | 18.5(4.9) | SAE 30 | | | | | | |
| | | | SAE 10W | | | | | | |
| | | | SAE 10W-30 | | | | | | |
| | | | SAE 15W-40 | | | | | | |
| Swing drive | Gear oil | 2.5(0.7) | SAE 85W-140 | | | | | | |
| Final drive | | $\frac{2.5 \times 2}{0.7 \times 2}$ | | | | | | | |
| Swing drive | Grease | 0.32(0.1) | NLGI NO.1 | | | | | | |
| | | | NLGI NO.2 | | | | | | |
| Hydraulic tank | Hydraulic oil | Tank:100(26.4) | ISO VG 32 | | | | | | |
| | | System: 210(55.5) | ISO VG 46 | | | | | | |
| | | | ISO VG 68 | | | | | | |
| Fuel tank | Diesel fuel | 256(67.6) | 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 | 22(5.8) | 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