		SER	VICE DA	TA							
No.	Items to Check	Service	Qty.	Service Interval (hr)							
	items to check	Sel vice	Giy.	10	50	250	500	1000	2000	4500	8000
1	Arm, Bucket Joint Pin	Grease	6	F100	W10						
2	Dozer Blade Pin (If Equipped)	Grease	6	F100	W10						
3	Swing Bearing	Grease	2		W10						
4	Boom, Arm Joint Pin Two - Piece Boom	— Greace	11 15	F100		W10 W10					
5	Breaker Filter(If Equipped)	Cartridge	1								
6	Engine Oil	Engine Oil	27 L	V							
7	Engine Oil Filter	Cartridge	1								
8	Water Separator and Pre Fuel Filter	Cartridge	1	V, D							
9	Air Compressor Filter(If Equipped)	Element	1				С				
10	Pinion Gear (Swing)	Grease	1								
11	Main Fuel Filter	Cartridge	1								
10	Swing Reduction Coor	Grease	1					W10			
12	Swing Reduction Gear	Gear Oil	5 L	V			F				
13	Hydraulic Oil Return Filter	Element	1			F					
14	Pilot Filter	Element	1			F					
15	Travel Reduction Gear	Gear Oil	2 x 4 L				F, V				
16	Air Conditioner Filter (Outer)	Element	1				С				
10	Air Conditioner Filter (Inner)	Element	1				С				
17	Hydraulic Oil Tank Breather	Element	1								
18	Fuel Cap Filter	Element	1								
19	Hydraulic Oil Tank	Hydraulic Oil	131 L	V							
20	Radiator Non Diesel heater	Coolant	29.7 L	V							
20	With Diesel heater	Coolaili	30.3 L	V							
21	Air Cleaner (Outer)	Element	1				С				
21	Air Cleaner (Inner)	Element	1								
22	DEF (AdBlue®) Filter	Element	1								
23	DEF (AdBlue®) Breather Filter	Element	1								
24	DEF (AdBlue®) Tank	DEF	31.5 L	V							
25	Fuel Tank	Diesel	392 L	V	D						
26	Track Spring	Grease	2				W10, V				
27	Hydraulic Oil Suction Strainer	Strainer	1						С		
28	DPF	Soot Filter	1								С
	Radiator Core	Core	1				С				
	Oil Cooler Core	Core	1				С				
	Intercooler Core	Core	1				С				
	Fuel Cooler core	Core	1				С				
	Aircon Condenser Core	Core	1				С				
	•					•					

V: Maintenance and Refill. / C: Cleaning. / D: Drain Water. / F: First Time Exchange Only.

F100: Every 10 Hours For First 100 Hours. / W10: Every 10 Hours If Operating In Water.

NOTE: For additional service items see list of "Maintenance Intervals" on page 4-21.

[:] Replacement On Every Interval.

^{*:} When the machine is operated under dusty work sites, the hydraulic oil tank breather needs to be cleaned or replaced regularly even before the expected replacement date.

Hydraulic Oil and Filter Service Intervals

When using a hydraulic breaker, the viscosity breakdown and contamination of hydraulic oil is faster because the work condition is more severe than during normal digging work. To prevent the hydraulic components (especially pump) from having a shortened life cycle, replace the hydraulic oil and main hydraulic oil return filter using the following schedule.

Attachment	Operation Rate	Hydraulic Oil	Filter
Bucket Work	100%	2,000 Hours	250 Hours (First Replacement) 1,000 Hours (After First Replacement)
Hydraulic Breaker Work	100%	1,000 Hours	100 Hours

These service intervals only apply, when genuine DEVELON hydraulic oil and filter are used. If any other brands are used, the guaranteed change interval must be reduced in half.

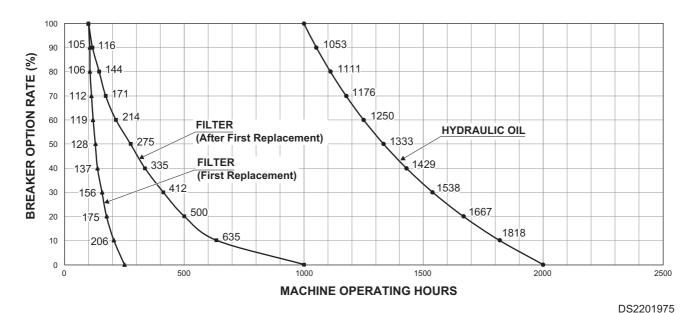


Figure 3

NOTE:

The replacement intervals of hydraulic oil and filter depend upon amount of time hydraulic breaker is being used. These service intervals must be followed as opposed to regularly scheduled maintenance.

Fluid Capacities

	Capacity				
	Oil Pan with Filter	27 L (7.1 U.S. gal.)			
Engine	Cooling System	Non Diesel Heater	29.7 L (7.8 U.S. gal.)		
	Cooling System	With Diesel Heater	30.3 L (8.0 U.S. gal.)		
Fuel Tank	392 L (103.6 U.S. gal.)				
DEF (AdBlue®) Tank	31.5 L (8.3 U.S. gal.)				
Hydraulia Oil	Tank Level	131 L (34.6 U.S. gal.)			
Hydraulic Oil	System	230 L (60.8 U.S. gal.)			
Travel Reduction Gear (I	4 L (1.1 U.S. gal.)				
Swing Reduction Gear	5 L (1.3 U.S. gal.)				

NOTE: If the level is between lower limit line and upper limit line of the gauge, the level is correct. If the level is low, open the cover on the tank and add hydraulic oil.

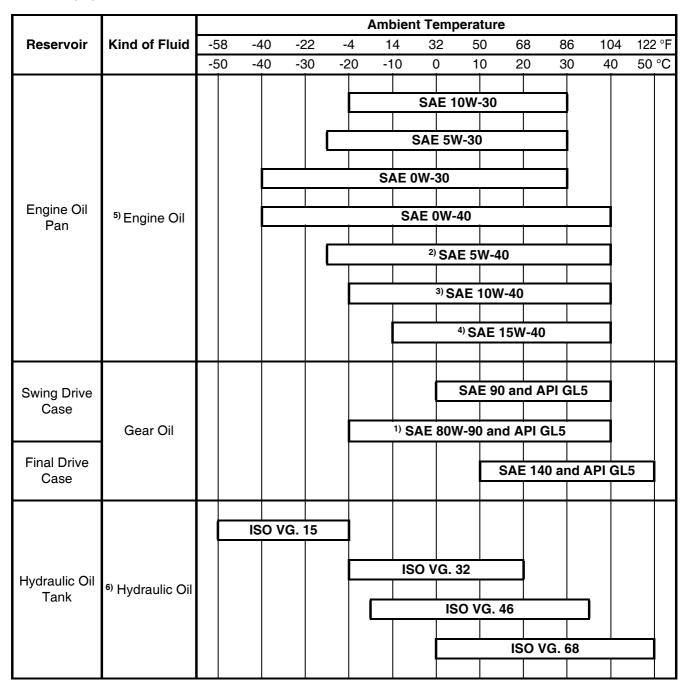
Table of Recommended Lubricants

NOTICE

It is highly recommend to use DEVELON Genuine Products or products which meet the following specifications. Using other products can damage the equipment.

NOTE: Refer to the "Lubrication and Service Chart" on

page 4-15 for locations.



Fuel Tank	Diesel Fuel				ASTM D	975 No. 1		1) ,	ASTM	D975 N	o. 2		
Grease Fitting	Grease					DI	DI	N 5150	2 KP-2	NLGI N 2K-10 / I 3K-10 / I	NLGI N]
Cooling System	T ANISH THOUSE THAT INVOICE THAT THIS IN TALLO IS TO TOTO TOTO DUI DOSC OTHER AND IS THE ANISOTALE STATIONAL												
1) Installed at factory. 2) (5W40) - Recommended for use at extremely low temperature below -20°C. 3) (10W40) - Filled at factory. Develon genuine engine oil is recommended for use.													
 (15W40) - Develon genuine engine oil is recommended for use. (Engine oil) - Engine oil must meet API CJ-4/ACEA E9. Note that oil grade is for reference purpose only, and is not an absolute standard. 													
API: American Petroleum Institute. ACEA: Association des Constructeurs Europens d'Automobiles. ASTM: American Society of Testing and Materials. ISO: International Organization for Standardization.										=			
NLGI: National Lubricating Grease Institute. SAE: Society of Automotive Engineers. DIN: Deutsche Industrie Normen													



NOTICE

Do not mix oils from different manufacturers. DEVELON does not endorse specific brands but recommends that owners select quality oils whose manufacturers provide assurance that required standards will always be met or exceeded.



NOTICE

Fluctuating daily or weekly extremes of temperature, or operation in subzero freezing temperatures, may make it impractical to use straight weight lubricants. Select lubricants that are appropriate for climate conditions.