SECTION 1 GENERAL

Group	1	Safety hints	1	-1
Group	2	Specifications	1	-4
Group	3	Periodic replacement	1-	15

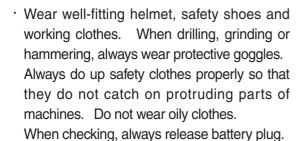
GROUP 1 SAFETY HINTS

Careless performing of the easy work may cause injuries.

Take care to always perform work safely, at least observing the following.

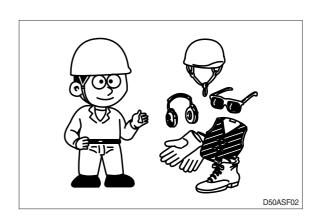
 Oil is a dangerous substance. Never handle oil, grease or oily clothes in places where there is any fire of flame.

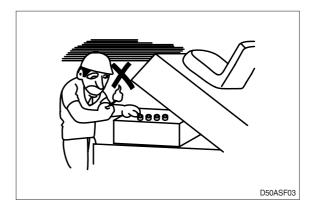
As preparation in case of fire, always know the location and directions for use of fire extinguishers and other fire fighting equipment.



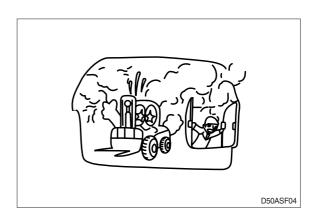
 Flames should never be used instead of lamps. Never use a naked flame to check leaks or the level of oil or electrolyte.



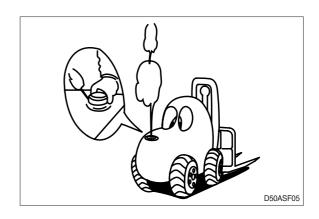




• Exhaust gas is dangerous. Provide adequate ventilation when working a closed space.



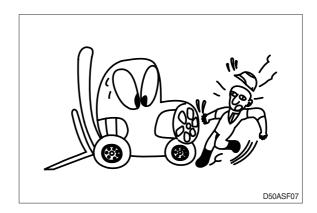
- ▲ Be particularly careful when removing the radiator cap and the hydraulic oil tank filler cap, if this is done immediately after using the machine, there is a danger that boiled oil may spurt out.
- The procedure for releasing the hydraulic pressure is as follows: lower the fork to the ground, and stop the engine(Motor), move the control levers to each position two or three times.
- When working on top of the machine, be careful not to lose your balance and fall.





 Hand a caution sign in the operator's compartment (For example Do not start or Maintenance in progress).

This will prevent anyone from starting or moving the machine by mistake.

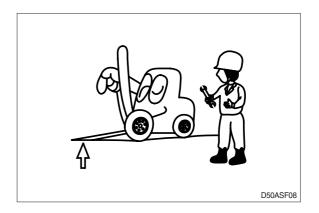


When inspecting running parts or near such parts, always stop the machine first.

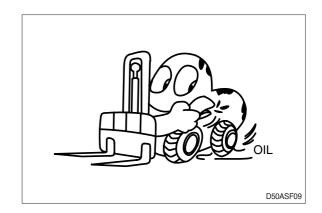
Before checking or servicing accumulator or piping, depress brake pedal repeatedly to release pressure.

Park the machine on firm, flat ground.
 Lower the fork to the ground and stop the engine.

Return each lever to **NEUTRAL** and apply the brake lock.



 Immediately remove any oil or grease on the floor of the operator's compartment, or on the handrail. It is very dangerous if someone slips while on the machine.



 When working with others, choose a group leader and work according to his instructions.
 Do not perform any maintenance beyond the agreed work.



· Unless you have special instructions to the contrary, maintenance should always be carried out with the engine stopped. If maintenance is carried out with the engine running, there must be two men present: one sitting in the operator's seat and the other one performing the maintenance. In such a case, never touch any moving part.



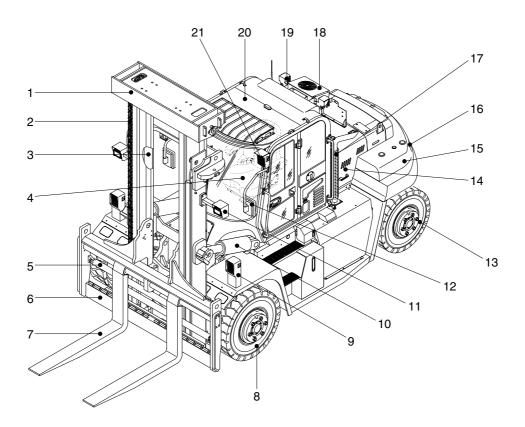
 Always remember that the hydraulic oil circuit is under pressure. When feeding or draining the oil or carrying out inspection and maintenance, release the pressure first.

- Thoroughly clean the machine. In particular, be careful to clean the filler caps, grease fittings and the area around the dipsticks. Be careful not to let any dirt or dust into the system.
- · Always use HYUNDAI Forklift genuine parts for replacement.
- Always use the grades of grease and oil recommended by HYUNDAI Forklift.
 Choose the viscosity specified for the ambient temperature.
- · Always use pure oil or grease, and be sure to use clean containers.
- · When checking or changing the oil, do it in a place free of dust, and prevent any dirt from getting into the oil.
- · Before draining the oil, warm it up to a temperature of 30 to 40° C.
- · After replacing oil, filter element or strainer, bleed the air from circuit.
- · When the strainer is located in the oil filler, the strainer must not be removed while adding oil.
- · When changing the oil filter, check the drained oil and filter for any signs of excessive metal particles or other foreign materials.
- · When removing parts containing O-ring, gaskets or seals, clean the mounting surface and replace with new sealing parts.
- · After injecting grease, always wipe off the oil grease that was forced out.
- · Do not handle electrical equipment while wearing wet places, as this can cause electric shock.
- · During maintenance do not allow any unauthorized person to stand near the machine.
- Be sure you fully understand the contents of the operation. It is important to prepare necessary tools and parts and to keep the operating area clean.
- When checking an open gear case there is a risk of dropping things in. Before removing the covers to inspect such cases, empty everything from your pockets. Be particularly careful to remove wrenches and nuts.
- Way to use dipstick
 Push the dipstick fully into the guide, and then pull out.

Carrying out other difficult maintenance work carelessly can cause unexpected accidents. If you consider the maintenance is too difficult, always request the HYUNDAI Forklift distributor to carry out it.

GROUP 2 SPECIFICATIONS

1. GENERAL LOCATIONS



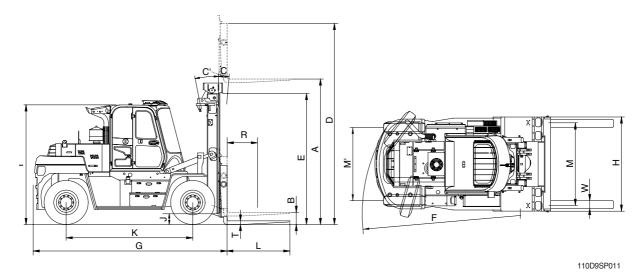
110D9OM54

- 2 Lift chain
- 3 Lift cylinder
- 4 Operator's seat
- 5 Fork positioner cylinder
- 6 Carriage
- 7 Forks

- 8 Front wheel
- 9 Head lamp-fender
- 10 Tilt cylinder
- 11 Work lamp-mast
- 12 Rear view mirror
- 13 Rear wheel
- 14 Bonnet

- 15 Counterweight
- 16 Rear combination lamp
- 17 Silencer
- 18 Air conditioner (opt)
- 19 Rear work lamp
- 20 Cabin
- 21 Work lamp-cabin

2. SPECIFICATIONS



	Model		Unit	110D-9	130D-9	160D-9
Capacity			kg (lb)	11,000 (25000)	13,000 (29000)	16,000 (36000)
Load center R			mm (in)	600 (24")	←	←
Weight(Unloaded)			kg	16274 (35880)	16991 (37460)	19842 (43740)
	Lifting height	Α	mm (ft·in)	3005 (9' 10")	3000 (9' 10")	3010 (9' 11")
	Free lift	В	mm (in)	0	←	←
Fork	Lifting speed (Unload/Load)		mm/sec	510/440	510/430	450/350
Oik	Lowering speed (Unload/Load	d)	mm/sec	460/510	←	410/430
	$L \times W \times T$	L,W,T	mm (in)	$1350 \times 200 \times 75$ (53.1 × 7.9 × 3.0)	1350×200×85 (53.1×7.9×3.3)	1350×200×90 (53.1×7.9×3.5)
	Tilt angle (forward/backward)	C/C'	degree	15/12	←	←
Mast	Max height	D	mm (ft·in)	4465 (14' 8")	←	4710 (15' 5")
	Min height	Е	mm (ft·in)	3000 (9' 10")	←	3250 (10' 0")
	Travel speed (Unload)	km/h	39.5	←	33.3	
Body	Gradeability (Load)		%	45.3	41.0	40.2
	Min turning radius (Outside)	F	mm (ft·in)	4350 (14' 3")	←	4895 (16' 1")
	Max hydraulic pressure	kgf/cm ²	210	←	←	
ETC	Hydraulic oil tank		l (USgal)	115 (30.4)	←	124.3 (32.8)
	Fuel tank		l (USgal)	195 (51.5)	←	260 (68.7)
Overa	ll length	G	mm (ft·in)	4570 (15' 0")	4580 (15' 0")	5080 (16' 8")
Overa	ll width	Н	mm (ft·in)	2777 (9' 1")	←	2497 (8' 2")
Cabin height I		I	mm (ft·in)	2890 (9' 6")	←	2930 (9' 7")
Ground clearance J		mm (in)	250 (9.8")	←	←	
Whee	Wheel base K		mm (ft·in)	3050 (10' 0")	←	3450 (11' 4")
Wheel tread front/rear M/M'		mm (ft·in)	1842 / 1910 (6' 1" / 6' 3")	←	1842 / 1960 (6' 1" / 6' 5")	
Drawbar pull			kg (lb)	12356 (27240)	12500 (27560)	13243 (29200)

3. SPECIFICATION FOR MAJOR COMPONENTS

1) 110/130D-9

(1) ENGINE

Item	Unit	Specification
Model	-	Cummins QSB6.7
Туре	-	4 cycle turbocharged, Tier 4 final diesel engine
Cooling Method	-	Water cooling
Number of cylinders and arrangement	-	6 cylinders, In-line
Firing order	-	1-5-3-6-2-4
Combustion chamber type	-	Direct injection
Cylinder bore × stroke	mm (in)	107×124 mm (4.21"×4.88")
Piston displacement	cc (cu in)	6690 (409)
Compression ratio	-	17.3 : 1
Rated gross horse power	ps/rpm	165.8/2300
Maximum gross torque at rpm	kgf ⋅ m/rpm	74.7/1500
Engine oil quantity	l (U.S.gal)	14.2 (3.8)
Dry weight	kg (lb)	520 (1146)
High idling speed	rpm	2250±50
Low idling speed	rpm	600~1200
Rated fuel consumption	g/ps.hr	168
Starting motor	V-kW	DENSO, 24-3.7
Alternator	V-A	24-70
Battery	V-AH	24-100

2) MAIN PUMP

Item	Unit	Specification
Туре	-	Variable displacement axial piston pump
Capacity	cc/rev	74+63
Maximum operating pressure	bar	300
Rated speed (Max/Min)	rpm	2800/300

3) MAIN CONTROL VALVE

Item	Unit	Specification
Туре	-	Sectional
Operating method	-	Hydraulic pilot
Main relief valve pressure	bar	210/165
Flow capacity	lpm	180

(4) STEERING UNIT

Item	Unit	Specification
Туре	-	Load sensing/Non load reaction/Dynamic signal
Capacity	cc/rev	369
Rated flow	lpm	45.4

(5) POWER TRAIN DEVICES

Item				Specification	on
	Model		05 W 340 (ZF SACH)		
Torque converter	Туре		3 Element, 1 stage, 2 phase		
	Stall ratio		2.362 : 1		
	Туре		Full auto, pow	er shift	
	Gear shift (FR/RR)		3/3		
Transmission	Adjustment		Electrical single lever type		
	O realbard makin	FR	1:5.630	2:2.396	3:0.994
	Overhaul ratio	RR	1:5.647	2:2.404	3:0.997
	Туре		Front-wheel drive type, fixed location		
Axle	Gear ratio		11.73 : 1		
	Gear		Ring & Pinion gear type		
	Q'ty (FR/RR)		Double: 4/2		
Wheels	Front (drive)		10.00-20-16 F	PR	
	Rear (steer)		10.00-20-16 PR		
Brakes	Travel Parking		Front wheel, wet disc brake		
DIAKES			Axle pinion, Caliper brake, hydraulic released		
Ctacring	Туре		Full hydraulic, power steering		
Steering	Steering angle		76° to both right and left angle, respectively		

2) 160D-9

(1) ENGINE

Item	Unit	Specification
Model	-	Cummins QSB6.7
Туре	-	4 cycle turbocharged, Tier 4 final diesel engine
Cooling Method	-	Water cooling
Number of cylinders and arrangement	-	6 cylinders, In-line
Firing order	-	1-5-3-6-2-4
Combustion chamber type	-	Direct injection
Cylinder bore × stroke	mm (in)	107×124 mm (4.21"×4.88")
Piston displacement	cc (cu in)	6690 (409)
Compression ratio	-	17.3 : 1
Rated gross horse power	ps/rpm	165.8/2300
Maximum gross torque at rpm	kgf ⋅ m/rpm	74.7/1500
Engine oil quantity	l (U.S.gal)	14.2 (3.8)
Dry weight	kg (lb)	520 (1146)
High idling speed	rpm	2250±50
Low idling speed	rpm	600~1200
Rated fuel consumption	g/ps.hr	168
Starting motor	V-kW	DENSO, 24-3.7
Alternator	V-A	24-70
Battery	V-AH	24-100

2) MAIN PUMP

Item	Unit	Specification
Туре	-	Variable displacement axial piston pump
Capacity	cc/rev	74+63
Maximum operating pressure	bar	300
Rated speed (Max/Min)	rpm	2800/300

3) MAIN CONTROL VALVE

Item	Unit	Specification
Туре	-	Sectional
Operating method	-	Hydraulic pilot
Main relief valve pressure	bar	210/165
Flow capacity	lpm	180

(4) STEERING UNIT

Item	Unit	Specification
Туре	-	Load sensing / Non load reaction / Dynamic signal
Capacity	cc/rev	369
Rated flow	lpm	45.4

(5) POWER TRAIN DEVICES

Item			Specification				
	Model		05 W 340 (ZF SACH)				
Torque converter	er Type		3 Element, 1	stage, 2 phase			
	Stall ratio		2.362 : 1				
	Туре		Full auto, Pov	ver shift			
	Gear shift (FR / F	RR)	3/3				
Transmission	Adjustment		Electrical sing				
	O reade en la metica	FR	1:5.630	2:2.396	3:0.994		
	Overhaul ratio	RR	1:5.647	2:2.404	3:0.997		
	Туре		Front-wheel drive type, fixed location				
Axle	Gear ratio		12.7:1				
	Gear		Ring & pinion gear type				
	Q'ty (FR / RR)		Double: 4/2				
Wheels	Front (drive)		12.00-20-18PR				
	Rear (steer)		12.00-20-18PR				
Travel		Front wheel, Wet disk brake					
Brakes	Parking		Axle pinion, caliper brake, hydraulic released				
Ctaoring	Туре		Full hydraulic, power steering				
Steering	Steering angle		76° to both right and left angle, respectively				

4. TIGHTENING TORQUE FOR MAJOR COMPONENTS

NO	Item		Size	kgf · m	lbf ⋅ ft
1		Engine mounting bolt, nut (bracket-frame)	$M24 \times 3.0$	100 \pm 15	723 ± 109
2	Engine	Engine mounting bolt (engine-bracket)	M12 × 1.75	12.3 ± 2.4	89.0 ± 17.4
3		Radiator mounting bolt, nut	M12 × 1.75	12.8 <u>+</u> 3.0	92 <u>+</u> 21.7
4		Hydraulic pump mounting bolt	$\text{M12} \times \text{1.75}$	14.7 <u>+</u> 2.2	106 \pm 15.9
5		MCV mounting bolt	M10 imes 1.5	$\textbf{6.9} \pm \textbf{1.4}$	49.9 ± 10.1
6	Hydraulic system	Steering unit mounting bolt	M10 imes 1.5	6.9 <u>+</u> 1.4	49.9 \pm 10.1
7	dyotom	Tilt cylinder; rod-end bolt, nut	M20 imes 2.5	57.9 <u>+</u> 10	419 \pm 72.3
8		Tilt cylinder pin; mounting bolt	M10 × 1.5	6.9 ± 1.4	50 ± 10.1
9		Transmission mounting bolt, nut	$\mathrm{M16} \times 2.0$	100 \pm 15	723 ± 109
10		Torque converter mounting bolt	M10 × 1.5	4.5 ± 0.6	32.5 ± 4.3
11	Power	Drive axle mounting bolt, nut	$\text{M24} \times \text{2.0}$	100 \pm 15	723 ± 109
12	train system	Steering axle mounting bolt, nut	M24 imes 3.0	100 \pm 15	723 ± 109
13		Front and rear wheel mounting nut	M22 × 1.5	83.2 <u>+</u> 10	602 ± 72.3
14		Propeller shaft (to T/M and D/Axle)	1/2-20UNF	15.0 \pm 2.0	108 \pm 14.5
15		Counterweight mounting bolt 1	M30 imes 3.5	199 \pm 29.9	1440 \pm 216
15		Counterweight mounting bolt 2	M24 imes 3.0	100 \pm 15	723 ± 109
16	Others	Operator's seat mounting nut	M8 × 1.25	3.4 ± 0.7	24.6 ± 5.1
17		Cabin mounting bolt	$\text{M16}\times\text{2.0}$	7.5	54.2
18		Mast mounting bolt	M12 × 1.75	12.5 \pm 1.3	$\textbf{90.4} \pm \textbf{9.4}$

5. TORQUE CHART

Use following table for unspecified torque.

1) BOLT AND NUT

(1) Coarse thread

Bolt size	8	8T		10T		
DOIL SIZE	kg⋅m	lb ⋅ ft	kg⋅m	lb ⋅ ft		
M 6×1.0	0.85 ~ 1.25	6.15 ~ 9.04	1.14 ~ 1.74	8.2 ~ 12.6		
M 8 × 1.25	2.0 ~ 3.0	14.5 ~ 21.7	2.73 ~ 4.12	19.5 ~ 29.8		
M10 × 1.5	4.0 ~ 6.0	28.9 ~ 43.4	5.5 ~ 8.3	39.8 ~ 60		
M12 × 1.75	7.4 ~ 11.2	53.5 ~ 79.5	9.8 ~ 15.8	71 ~ 114		
M14 × 2.0	12.2 ~ 16.6	88.2 ~ 120	16.7 ~ 22.5	121 ~ 167		
M16 × 2.0	18.6 ~ 25.2	135 ~ 182	25.2 ~ 34.2	182 ~ 247		
M18 × 2.5	25.8 ~ 35.0	187 ~ 253	35.1 ~ 47.5	254 ~ 343		
M20 × 2.5	36.2 ~ 49.0	262 ~ 354	49.2 ~ 66.6	356 ~ 482		
M22 × 2.5	48.3 ~ 63.3	350 ~ 457	65.8 ~ 98.0	476 ~ 709		
M24 × 3.0	62.5 ~ 84.5	452 ~ 611	85.0 ~ 115	615 ~ 832		
M30 × 3.0	124 ~ 168	898 ~ 1214	169 ~ 229	1223 ~ 1655		
M36 × 4.0	174 ~ 236	1261 ~ 1703	250 ~ 310	1808 ~ 2242		

(2) Fine thread

Bolt size	8	8T		10T		
DOIL SIZE	kg⋅m	lb ∙ ft	kg⋅m	lb ⋅ ft		
M 8 × 1.0	2.17 ~ 3.37	15.7 ~ 24.3	3.04 ~ 4.44	22.0 ~ 32.0		
M10 × 1.25	4.46 ~ 6.66	32.3 ~ 48.2	5.93 ~ 8.93	42.9 ~ 64.6		
M12 × 1.25	7.78 ~ 11.58	76.3 ~ 83.7	10.6 ~ 16.0	76.6 ~ 115		
M14 × 1.5	13.3 ~ 18.1	96.2 ~ 130	17.9 ~ 24.1	130 ~ 174		
M16 × 1.5	19.9 ~ 26.9	144 ~ 194	26.6 ~ 36.0	193 ~ 260		
M18 × 1.5	28.6 ~ 43.6	207 ~ 315	38.4 ~ 52.0	278 ~ 376		
M20 × 1.5	40.0 ~ 54.0	289 ~ 390	53.4 ~ 72.2	386 ~ 522		
M22 × 1.5	52.7 ~ 71.3	381 ~ 515	70.7 ~ 95.7	512 ~ 692		
M24 × 2.0	67.9 ~ 91.9	491 ~ 664	90.9 ~ 123	658 ~ 890		
M30 × 2.0	137 ~ 185	990 ~ 1338	182 ~ 248	1314 ~ 1795		
M36 × 3.0	192 ~ 260	1389 ~ 1879	262 ~ 354	1893 ~ 2561		

2) PIPE AND HOSE (FLARE type)

Thread size	Width across flat (mm)	kgf ⋅ m	lbf ⋅ ft
1/4"	19	4	28.9
3/8"	22	5	36.2
1/2"	27	9.5	68.7
3/4"	36	18	130
1"	41	21	152
1-1/4"	50	35	253

3) PIPE AND HOSE (ORFS type)

Thread size	Width across flat (mm)	kgf ⋅ m	lbf ⋅ ft
9/16-18	19	4	28.9
11/16-16	22	5	36.2
13/16-16	27	9.5	68.7
1-3/16-12	36	18	130
1-7/16-12	41	21	152
1-11/16-12	50	35	253

4) FITTING

Thread size	Width across flat (mm)	kgf ⋅ m	lbf ⋅ ft
1/4"	19	4	28.9
3/8"	22	5	36.2
1/2"	27	9.5	68.7
3/4"	36	18	130
1"	41	21	152
1-1/4"	50	35	253

6. RECOMMENDED LUBRICANTS

Use only oils listed below or equivalent.

Do not mix different brand oil.

		Conseibe	/LLC ess)				Λ :oolo : o :o				/ ° Г \			
Comice maint	الانموا ملا الدينوا	Capacity l	(U.S. gai)					nt tempe			. ,			
Service point	Kind of fluid	110D-9 130D-9	160D-9	-50 (-58)	-30 (-22)			10 4) (3:		10 50)	20 (68)		40 (104)	
						+0	A = =\A/	10						
						^5	AE 5W	-40						
											SAE	30		
Engine oil	Engine oil	14.2	14.2				SAE	10W						
pan		(3.8)	(3.8)					6/	\E 10\	M 20)			
								SF	I IUV	/v-3t)			
								I	SAE	15V	V-40			
DEF/	Mixture of urea													
AdBlue®	and deionized	37.8 (10.0)	37.8 (10.0)	ISO 2	22241	(Hi	gh-purit	ty urea	+ deio	nize	d wate	er (32.5	67.5))	
tank	water	(10.0)	(10.0)											
Torque								SA	\E 10\	N-30)			
converter	Engine oil	16 (4.2)	16 (4.2)											
transmission		(4.2)	(4.2)					I	SAE	15V	V-40			
		40	40											
	Gear oil	19 (5.0)	19 (5.0)					SAE 80	W-90/	/API	GL-5			
Axle		(0.0)	(5.0)											
brake	Caaling ail	22	22						ONAX	/ TD				
	Cooling oil	(5.8)	(5.8)					ע	UNAX	טוא				
Hydraulic tank	Hydraulic oil	115 (30.4)	124.3 (32.8)				*IS	O VG 1	5					
lain	Oil	(30.4)	(32.0)						ISO VO	G 46	3			
Cabin tilt	Hydraulic	0.7	0.7											
hand pump	oil	(0.2)	(0.2)						I	ISO	VG 6	8		
					1									
Fuel tank	Diesel fuel*1	195	260	7	ASIN	ИD	975 NC).1 	-					
- Gortani	Biodoridor	(51.5)	(68.7)						AS	TM [D975 I	NO.2		
Fitting					<u>'</u>		*NLG	I NO.1						
(Grease nipple)	Grease	-	-							NII C	AI NO.	2		
										INLC	ai ivo.	_		
		00	00				Eth	vlene a	lvcol h	ase	perm	anent ty	rpe	
Radiator	Antifreeze:Water 50:50	30 (7.9)	30 (7.9)	1=:::							,551171		P	
	50:50	50.50	(7.3)	(1.3)	*Ethyler	ne glycol b	ase p	ermanent ty	rpe (60 : 40)	-				
	I.	1												

NOTES:

- ① SAE numbers given to engine oil should be selected according to ambient temperature.
- ② For engine oil used in engine oil pan, use SAE 10W oil when the temperature at the time of engine start up is below 0°C, even if the ambient temperature in daytime is expected to rise to 10°C or more.
- ③ Use engine oil of API service class CJ-4.
 - ★1: Ultra low sulfur diesel
- * : Cold region
- sulfur content ≤ 15 ppm
- Russia, CIS, Mongolia

GROUP 3 OPERATIONAL CHECKOUT RECORD SHEET

OwnerDateHours

· Serial No. :

 Technician : W Use this sheet to record operational checkout results. Perform the operational check before installing any test equipment. 			110D9GE02
Item	OK	NOT OK	Comments
1. Monitor indicator and gauge checks (Engine OFF)			
Hour meter and gauge check		_	
Battery check Monitor indicator circuit check			
Monitor indicator circuit check Monitor turn signals and warning indicator check			
· Monitor turn signals and warning indicator check			
2. Transmission, axle and engine linkages, neutral star	rt		
switch and reverse warning alarm switch checks			
Transmission control lever and neutral			
Neutral start and reverse warning			
Alarm circuit checks			
Engine speed control linkage check			
3. Monitor indicator and gauge checks (Engine running	g)		
Monitor display and alternator output checks			
Monitor bypass circuit and seat belt indicator check			
· Monitor primary and secondary level check			
· Transmission oil warm up procedure			
· Transmission temperature gauge check			

4. Brake system and clutch cut off checks

Park brake capacity check	
Park brake transmission lockout check	
Service brake pump flow check	
Service brake capacity check	
Brake accumulator precharge check	
Brake system leakage check	
· Service brake pedal check	
Service and park brake system drag check	
· Clutch cut off check	
5. Driving checks	
· Transmission oil warm up procedure	
· Transmission noise check	
· Speedometer check	
· Transmission kick down system check	
· 1st, 2nd and 3rd speed clutch pack drag check	
· Transmission pressure, pump flow and leakage check	
· Transmission shift modulation check	
· Torque converter check	
· Engine power check	
6. Hydraulic system checks	
· Hydraulic system warm up procedure	
Hydraulic pump performance check	
Mast lift and lower check	
· Control valve lift check	
· Mast tilt check	
· Fork positioner check	
· Down safety valve leakage check	
· Lift, tilt and steering cylinder check	
· Side shift piping leakage check	
· Hydraulic oil cleanliness check	

7. Steering system checks

· Steering valve check	
· Steering system leakage check	
· Priority valve (built in MCV)	
Low check pressure	
High check pressure	
8. Accessory checks	
· Operating lights check	
· Work light check	
· Brake light check	
· Cab light check	
· Horn circuit check	
· Windshield washer and wiper check	
Heater/Air conditioner blower check	
· Heater functional check	
· Air conditioner functional check	
· Start aid system check	
9. Cab components and vandal protection checks	
· Cab door latch check	
· Cab door hold open latch check	
· Cab door release button check	
· Cab door lock check	
· Cab door window check	
· Cab window latch check	
· Steering column adjustment check	
· Seat and seat belt check	
· Air intake filter door check	
· Engine side panels check	
· Radiator cap access door check	
· Service decal check	