

Suggested Spares Guide HLT185-614

Consumables, Approximate 1 Year Supply (calculated at 2000 hours/year)

Allied P/N	Description	On-Hand Quantity (Recommended)	Order Quantity
219374	Grease	20 Gallons	
238206	Transmission Fluid	30 Gallons	
219371	Hydraulic Oil	100 Gallons	
236077	Engine Oil	100 Gallons	
235720	Differential Oil - Rear	6 Gallons	
	Differential Oil - Front	6 Gallons	
	Planetary Hubs Oil	8 Gallons (2 Gal Each)	
	Flow Divider Gearbox Oil	1 Gallon	
239408	Additive For Front & Rear Differential	1 QT Each	
221340	Anti-Freeze, Premix 50/50	20 Gallons	
254865	Air Cleaner Primary Filter	2	
254866	Air Cleaner Safety Element	2	
588694	Engine Oil Filter	8	
243458	Hydraulic Return Filter Element	8	
587677	Engine Fuel Filter Element	8	
232153	Coolant Filter	8	
588191	Service Kit, 100 GPM Hyd Pressure Filter	8	
219520	Service Kit, Transmission Filter	4	
254108	Shoe, Brake	8	
254116	Kit, Hardware, Brake	4	
254108	Shoe, Brake	8	
254116	Kit, Hardware, Brake	4	

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Miscellaneous Parts / Seals

Allied P/N	Description	Quantity on Machine	Order Quantity
R238535	Breather Element, Converter	1	
203257	Cross Assembly F/ Drivetrain Layout	2	
216426	Cross Assembly F/ Drivetrain Layout	1	
212389	Cross Assembly F/ Drivetrain Layout	2	
578833	Suction Filter Cover Plate Gasket	1	
200307	Elbow, Air Intake (Rubber)	3	
253478	Elbow, Air Intake (Rubber)	1	
241644	Rubber Boot, Transmission Shift Controller	1	
241819	Shock Absorber, Seat	1	
176-0089	Rubber Door Stop	2	
103-0173	Gasket, Axle W/Out Brakes, Steering	24	
231114	Weatherstrip, Cab Group	17 ft	
236847	Gasket, Door Group Assembly	2	
R235961	Gasket, Tandem Pump	1	
249708	Gasket, Hoist Pump	1	
226184	Gasket, Pilot Pump	1	
249708	Gasket, Hoist, Pump	1	
254120	Serpentine Belt	1	
588693	Alternator Belt	1	
009-1508	Seal Kit, Cylinder Steering	4	
588831	Seal Kit, Shift Steering Valve Module	1	
578377	Seal Kit, Cylinder Steer & Drive Suspension Group	16	

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Electrical

Allied P/N	Description	Quantity on Machine	Order Quantity
249692	Display Module, Powerview	1	
584089	Programmable Logic Controller (PLC) W/Program	1	
584026	Transducer Assembly	4	
584030	Remote Control Box Assembly	1	
200220	Battery, 12v	2	
249803	Battery, Lithium; 3.6 Vdc, Fire Suppression System	1	
249106	Battery Disconnect Switch	1	
587957	Light, Yellow; 2 1/2" LED	6	
587956	Light, LED	2	
117-0234	Light, Reverse	2	
117-0240	Light, Platform	2	
117-0242	Light, Red Indicator	5	
225644	Light, Blue Indicator	1	
117-0245	Light, Amber	5	
117-0260	Light, Dome	2	
587779	Strobe, 21"	1	
587953	Strobe, Red LED	6	
587954	Strobe, Yellow LED	6	
117-0240	Light, Platform	2	
117-0227	Headlight, Assembly	2	
587764	Camera	2	
587763	Monitor For Camera	2	
207155	Switch, Ignition W/Keys	1	
085-0219	Switch; Platform Lights, Dome Light, Mirror Heater, Defrost	3	
085-0234	Switch, Mirror Position	2	
085-0220	Switch, Gauge Light Dimmer	1	
085-0300	Switch, Heater	1	
254619	Switch, Wiper Delay	2	
SWI0000007	Switch, ON/OFF	3	
085-0217	Switch, Elevate	1	
587946	Switch, Headlights	1	
085-0002	Switch, Spotlight	1	
SWI0000004	Switch, Push Button	4	

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Rebuild Kits/Components

Allied P/N	Description	Quantity on Machine	Order Quantity
R14093	Service Kit, Front & Rear Differential, Pinion & Side Gear	2	
241586	Service Kit, Front & Rear Differential, Ring & Pinion	2	
241587	Service Kit, Front & Rear Differential, Cap & Cover Asy	2	
241593	Service Kit, Front Differential, Sub Assembly	1	
241588	Service Kit, Rear Differential, Sub Assembly	1	
241589	Service Kit, Front & Rear Differential, Case	2	
587692	Service Kit, Planet Carrier	4	
578377	Service Kit, Steering & Drive Suspension Cylinder	16	
009-1508	Service Kit, Steering Group Cylinder	4	
587623	Service Kit, Transmission	1	
570774	Service Kit, Converter	1	
218966	Service Kit, Brake Valve	1	
247515	Service Kit, Quick Release Valve	1	
247516	Service Kit, Modulating Relay Valve Cartridge & Diaphragm	1	
224747	Service Kit, Treadle Valve	1	
221647	Service Kit, Expello	4	
214419	Service Kit, Relay Valve	1	
234639	Service Kit, Steering Flow Amplifier Valve	1	
255140	Service Kit, Sectional For Control Valve	2	
255141	Service Kit, Mid-Inlet For Control Valve	4	

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Bushings and Pins

Allied P/N	Description	Quantity on Machine	Order Quantity
200744	Bushing, Air Chamber	4	
219005	Bushing, Cab Mounting Group	2	
071-0723	Bushing, Drive Suspension Group	4	
501209	Bushing, Steering Suspension Group	12	
	Bushing, Drive Suspension Group	4	
578311	Bushing, Steering Suspension Group	24	
	Bushing, Drive Suspension Group	8	
578312	Bushing, Steering Suspension Group	24	
	Bushing, Drive Suspension Group	8	
578834	Bushing, Steering Suspension Group	24	
	Bushing, Drive Suspension Group	8	
071-0050	Bushing, Power Unit	4	
071-0662	Bushing, Steering Assembly	4	
071-0728	Bushing, Beam End, Drive Suspension Group	4	
071-0821	Bushing, Steering Suspension Group	12	
	Bushing, Drive Suspension Group	4	
019-1472	Pin, Cylinder, Steering Suspension Group	12	
	Pin, Cylinder, Drive Suspension Group	4	
578309	Pin, Drive Suspension Group	4	
	Pin, Steering Suspension Group	12	
578310	Pin, Drive Suspension Group	4	
	Pin, Steering Suspension Group	12	
019-1264	Pin, Steering Assembly	36	
019-1270	Pin, Steering Assembly	2	

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Bearings

Allied P/N	Description	Quantity on Machine	Order Quantity
135-0284	Bearing, Carrier, Drivetrain	1	
135-0360	Bearing, Steering Suspension Group	12	
241534	Bearing Cone, Axle Kit	4	
204594	Bearing Cup, Axle Kit	4	
241531	Bearing Cone, Axle Kit	4	
241532	Bearing Cup, Axle Kit	4	
587804	Bearing, Seat Installation	1	
135-0372	Bearing,RH Rod End, Steering Layout	14	
	Bearing,LH Rod End, Steering Layout	14	
	Bearing, Cylinder Assembly, Steering Layout	8	
135-0057	Bearing, Drive Suspension Group	8	
135-0370	Bearing, Engine Mount	4	
136-0177	Bearing Cone, Outer, Steering Suspension Group	24	
136-0179	Bearing Cone, Inner, Steering Suspension Group	24	

Hose Kits

Allied P/N	Description	Quantity on Machine	Order Quantity
588763	Hose Kit; Air System	1	
588764	Hose Kit; Tank Installation, Fuel	1	
207856	Air Intake System	1	
588765	Hose Kit; Power Unit	1	
588766	Hose Kit; Hydraulic System Transmission	1	
588767	Hose Kit; Hydraulic System Hoist	1	
588769	Hose Kit; Hydraulic System Steering	1	
588770	Hose Kit; Hydraulic System Chassis	1	

Hydraulic Valves

Allied P/N	Description	Quantity on Machine	Order Quantity
030-1031	Valve, Shuttle	3	
030-1028	Valve, Gauge Isolator	1	
254173	Valve, Check	1	
254171	Valve, Check	1	
245847	Valve, Check	1	
253982	Valve, Control Valve, 2 Spool	1	
234990	Valve, Steering Flow Amplifier	1	
232904	Valve, Module	1	
232061	Valve, Shift Module	1	

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Hydraulic Valves cont...

232085	Valve Assembly F/ 232061	5	
233072	Valve Assembly F/ 232061	1	

Air Valves

Allied P/N	Description	Quantity on Machine	Order Quantity
216285	Valve, Relay	1	
204695	Valve, Check	1	
030-1074	Valve, Flow Control	1	
030-0667	Valve, Dash & Air Group	2	
030-1060	Valve, Shuttle	1	
217734	Valve, Expello	4	
030-0044	Valve, Check For Air Tank	2	
030-0024	Valve, Pop-Off	2	
030-1065	Valve, Treadle, Air Horn	2	
211369	Valve, Treadle	1	
030-1058	Valve, Modulating Relay	1	
030-0534	Valve, Quick Release	1	
218928	Valve, Dash & Air Group	2	
030-1063	Valve, Air System	1	
030-1071	Valve, Heater	1	

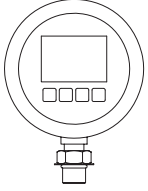
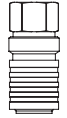
Safety Stock

Allied P/N	Description	Quantity on Machine	Order Quantity
587762	Converter	1	
093-0155	Pump, Hoist	1	
093-0157	Pump, Charge	1	
254888	Pump, Steering	1	
254889	Pump, Pilot	1	
244179	Transmission	1	
109-0158	Transmission Cooler	1	
241543	Differential & Carrier, Rear	1	
241591	Differential & Carrier, Front	1	
241523	Planet Carrier Assembly	4	
098-0343	Axle Shaft	4	
246901	Driveline	1	
578983	Driveline	1	
203257	. Cross Assembly	2	
066-0687	Cylinder, Shutter & Air	2	
578308	Cylinder, Steer & Drive Suspension Group	16	
578619	Cylinder, Steering Group	4	

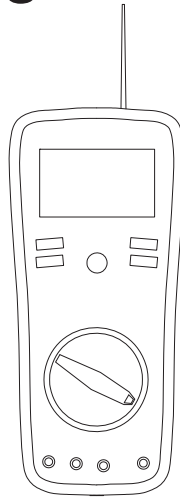
Diagnostic Tools

Order from Allied Systems
Service Parts Department
503-625-2560.

906601
Kit, Digital Pressure Gauge
W/Female QD Connector
0 to 8700 PSI

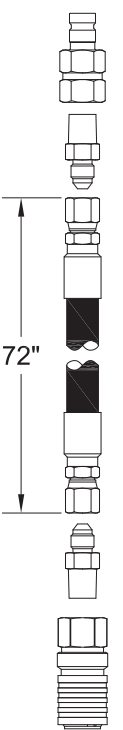



QD Female



69778
Multi-Meter, 12 Function
AC/DC Voltage & Current, Resistance,
Capacitance, Frequency, Type K & IR
Temperature, Diode/Continuity, Duty Cycle
Non-Contact InfraRed Thermometer
CAT III Test Leads
Type K Bead Wire Temp Probe

QD Male




72"

QD Female

69782
Kit, Hose Assembly, W/QD Both Ends

QD Male



144"

QD Female

70381
Kit, Hose Assembly, W/QD Both Ends

QD Male
1/8 NPT Male
R14038

QD Male
1/8 NPT Female
R14045

QD Male
#6 JIC Female
236625

QD Male
#8 JIC Female
253326

QD Male
1/4 NPT Female
228040

QD Male
#4 JIC Female
R330325

QD Male
#4 SAE Male
R14040

QD Male
#6 SAE Male
R14082

Diagnostic Tools

Allied P/N	Description	On-Hand Quantity (Recommended)	Order Quantity
906601	0 to 8700 PSI Digital Pressure Gauge W/QD Connector	1	
69778	Multi-Meter, 12 Function	1	
69782	Kit, 72" Hose Assembly, W/QD on Both Ends	1	
70381	Kit, 144" Hose Assembly, W/QD on Both Ends	1	
R14038	Fitting, QD Male x 1/8 NPT Male	1	
R14045	Fitting, QD Male x 1/8 NPT Female	1	
236625	Fitting, QD Male x #6 JIC Female	1	
253326	Fitting, QD Male x #8 JIC Female	1	
228040	Fitting, QD Male x 1/4 NPT Female	1	
R330325	Fitting, QD Male x #4 JIC Female	1	
R14040	Fitting, QD Male x #4 SAE Male	1	
R14082	Fitting, QD Male x #6 SAE Male	1	

Tools

Allied P/N	Description	On-Hand Quantity (Recommended)	Order Quantity
243274	Accumulator Recharge Valve	1	
509574	Air Hose Kit	1	
558533	Fire Extinguisher Wrench	1	
537788	Spindle Nut Wrench	1	
588466	Socket Set, 3/8Dr 3/8 To 7/8 22PC	1	
588467	Socket Set, 1/2Dr 3/8 To 1-1/4 30PC	1	
588468	Socket Set, 3/4Dr 7/8 To 2-3/8 29PC	1	
588469	Wrench Set 5/16 To 2-1/2 31PC	1	
588527	Hex Key Set, .025" To 5/8"	1	
69779	Kit, Gauge, 1,000 PSI	1	
69780	Kit, Gauge, 3,000 PSI	1	
69781	Kit, Gauge, 5,000 PSI	1	

Every 10 Hours / Daily

Shift Maintenance Checklist

Note general vehicle condition. Clear away all collected debris - steam clean if necessary. Check for mechanical damage and loose or leaking components. Report all faults to maintenance department.

NOTICE

Always refer to engine manufacture manual(s) before performing any maintenance on engine.

Before Starting Engine, Check the Following:

Ref	Component	OK	NO	ADD
1	ENGINE (Check oil level - check for leaks)			
2	ENGINE BELTS (Check tension - check for damage - change as required)			
3	HYDRAULIC TANK (Check oil level - check for leaks)			
4	HYDRAULIC CYLINDERS (Check for leaks)			
5	RADIATOR & OIL COOLER (Check coolant level - check for leaks; are fins clean and unobstructed?)			
6	AIR CLEANER/INTAKE SYSTEM (Check indicator - clean / change element as required, empty dust cup, check for leaks / damage)			
7	ENGINE CRANKCASE BREATHER (Check)			
8	ENGINE Fuel Water Separator (Drain)			
9	WHEELS & TIRES (Check condition and pressure)			
10	AIR TANK (Check drain valves for correct operation)			
11	LUBRICATION CHECK POINTS (See Page 16)			
12	WALK AROUND INSPECTION OF STRUCTURE (Check welds, leaks, damaged components, etc...)			
13	FIRE SAFETY CHECK (Check for accumulated debris in engine compartment, etc)			
14	FIRE SUPPRESSION SYSTEMS (Verify certifications are current)			

After Starting Engine, Check the Following:

Ref	Component	OK	NO	ADD
14	ENGINE (Does it sound normal?)			
15	AIR INTAKE SYSTEM (Check for leaks and damage)			
16	INSTRUMENTS & CONTROLS (Check for normal operation)			
17	EXHAUST SYSTEM (Check for leaks and excessive smoke)			
18	TRANSMISSION (After warming to operation temp, check oil level - check for leaks)			
19	LIGHTS & BACK-UP HORN (Check operation)			

Note Anything Abnormal or in Need of Repair:

Component	Comments
LIGHTS	
DEFROSTER	
REVERSE WARNING HORN	
HORN	
WINDSHIELD WIPERS	
HEATER	
AIR CONDITIONER	

OPERATOR _____

SUPERVISOR _____

DATE _____

MODEL HLT185 _____

SERIAL No 118614 _____

HOUR METER _____

Every 50 Hours or Weekly

Checklist

1	Repeat the 10 hour check	OK <input type="checkbox"/>	No <input type="checkbox"/>
2	Lubricate drive shaft	OK <input type="checkbox"/>	Repair <input type="checkbox"/>
3	Check for fluid leaks - (oil, fuel and water)	OK <input type="checkbox"/>	Repair <input type="checkbox"/>
4	Check brakes for adjustment and wear	OK <input type="checkbox"/>	Add <input type="checkbox"/>
5	Check wheel lug nuts and studs mechanically	OK <input type="checkbox"/>	No <input type="checkbox"/>
6	Record engine RPM	OK <input type="checkbox"/>	Repair <input type="checkbox"/>
7	Check battery electrolyte level	OK <input type="checkbox"/>	Add <input type="checkbox"/>

Consumables

Allied P/N	Description	Quantity Required for this Interval
219374	Grease, Mobilgrease XHP 222 Special	As Required
238206	Transmission Fluid, Mobil 424	As Required
219371	Hydraulic Oil, Mobil DTE 10 Excel 32	As Required
236077	Engine Oil	As Required
235720	Drive Axle Gear Oil	As Required

MECHANIC _____
 SUPERVISOR _____
 DATE _____
 MODEL HLT185 _____
 SERIAL No 118614 _____
 HOUR METER _____

Every 250 Hours or Monthly

Checklist

1	Repeat the 50 hour check	OK <input type="checkbox"/>	No <input type="checkbox"/>
2	Lubricate service points per lube chart	OK <input type="checkbox"/>	No <input type="checkbox"/>
3	* Take engine oil sample for analysis	OK <input type="checkbox"/>	No <input type="checkbox"/>
4	* Change engine oil & filters	OK <input type="checkbox"/>	No <input type="checkbox"/>
5	Change fuel filter	OK <input type="checkbox"/>	No <input type="checkbox"/>
6	Check axle differential oil level	OK <input type="checkbox"/>	Add <input type="checkbox"/>
7	Check axle planetary oil level	OK <input type="checkbox"/>	Add <input type="checkbox"/>
8	Change Cooling System Filter	OK <input type="checkbox"/>	No <input type="checkbox"/>
9	Check all hydraulic pressures and record	OK <input type="checkbox"/>	No <input type="checkbox"/>
10	Check fire suppression actuator	OK <input type="checkbox"/>	No <input type="checkbox"/>
11	Check brake shoes, drum, linings, rollers, bushings, etc.	OK <input type="checkbox"/>	OK <input type="checkbox"/>
12	Check and adjust the parking brake	OK <input type="checkbox"/>	No <input type="checkbox"/>

Consumables

Allied P/N	Description	Quantity Required for this Interval
236077	Engine Oil	10 Gallons
588694	Engine Oil Filter	1
232153	Engine Coolant Filter	1
587677	Fuel Filter Element	1

* Normal drain period and filter change intervals are for average environmental and duty-cycle conditions. Severe or sustained high operating temperatures or very dusty atmospheric conditions will cause accelerated deterioration and contamination. Change intervals should be adjusted according to the results of oil sampling analysis. Consult your Wagner dealer for assistance in establishing an oil sampling program for your equipment.

MECHANIC _____

SUPERVISOR _____

DATE _____

MODEL HLT185 _____

SERIAL No 118614 _____

HOUR METER _____

Every 500 Hours or Quarterly

Checklist

1	Repeat 250 hour intervals	OK <input type="checkbox"/>	No <input type="checkbox"/>
2	* Take samples from transmission, axles, and hydraulic system for analysis	OK <input type="checkbox"/>	No <input type="checkbox"/>
3	Check accumulator pre-charge pressure	OK <input type="checkbox"/>	No <input type="checkbox"/>
4	* Change hydraulic filters	OK <input type="checkbox"/>	No <input type="checkbox"/>
5	Lubricate engine and frame access doors	OK <input type="checkbox"/>	No <input type="checkbox"/>
6	Inspect steering linkage and idlers	OK <input type="checkbox"/>	Repair <input type="checkbox"/>
7	Inspect brake system and components	OK <input type="checkbox"/>	Repair <input type="checkbox"/>
8	* Change transmission filter cartridge	OK <input type="checkbox"/>	No <input type="checkbox"/>

Consumables

Allied P/N	Description	Quantity Required for this Interval
243458	Return Filter Elements	2
588191	Filter Service Kit, 100 GPM Hyd Filter	2
219520	Transmission Filter Cartridge & Seal Kit	1

* Normal drain period and filter change intervals are for average environmental and duty-cycle conditions. Severe or sustained high operating temperatures or very dusty atmospheric conditions will cause accelerated deterioration and contamination. Change intervals should be adjusted according to the results of oil sampling analysis. Consult your Wagner dealer for assistance in establishing an oil sampling program for your equipment.

MECHANIC _____

SUPERVISOR _____

DATE _____

MODEL HLT185 _____

SERIAL No 118614 _____

HOUR METER _____

Every 1,000 Hours or Semi-Annually

Checklist

1	Repeat the 500 hour check	OK <input type="checkbox"/>	No <input type="checkbox"/>
2	Change transmission oil	OK <input type="checkbox"/>	No <input type="checkbox"/>
3	Clean and flush cooling system	OK <input type="checkbox"/>	No <input type="checkbox"/>
4	Change hydraulic oil per oil sample test results	OK <input type="checkbox"/>	No <input type="checkbox"/>
5	Check pins and bushings for wear	OK <input type="checkbox"/>	No <input type="checkbox"/>
6	Steam clean machine, inspect for structural cracks	OK <input type="checkbox"/>	No <input type="checkbox"/>
7	Have ANSUL representative inspect and recertify fire suppression system	OK <input type="checkbox"/>	No <input type="checkbox"/>

Consumables

Allied P/N	Description	Quantity Required for this Interval
238206	Transmission Fluid, Mobil 424	10 Gallons
221340	Anti-Freeze, Premix 50/50	Fill to full mark on surge tank
219371	Hydraulic Oil, Mobil DTE 10 Excel 32	100 Gallons (If oil sample results require change)

MECHANIC _____

SUPERVISOR _____

DATE _____

MODEL HLT185 _____

SERIAL No 118614 _____

HOUR METER _____

Every 2,000 Hours or Annually

Checklist

1	Repeat the 1,000 hour check	OK <input type="checkbox"/>	No <input type="checkbox"/>
2	Drain, flush and fill differential	OK <input type="checkbox"/>	No <input type="checkbox"/>
3	Drain, flush and fill planetaries	OK <input type="checkbox"/>	No <input type="checkbox"/>
4	Change hydraulic oil	OK <input type="checkbox"/>	No <input type="checkbox"/>
5	Have Allied representative inspect machine (annually)	OK <input type="checkbox"/>	No <input type="checkbox"/>

Consumables

Allied P/N	Description	Approximate Quantity Required for this Interval
235720	Axle - Differential - Rear	6 U.S. Gallons
	Axle - Differential - Front	6 U.S. Gallons
	Planetaries	8 U.S. Gallons (2 Gal Each)
239408	Additive For Front & Rear Differential	1 QT Each
219371	Hydraulic Oil, Mobil DTE 10 Excel 32	100 Gallons

MECHANIC _____

SUPERVISOR _____

DATE _____

MODEL HLT185 _____

SERIAL No 118614 _____

HOUR METER _____

Major Overhaul

Checklist

1	Replace all hydraulic hoses	OK <input type="checkbox"/>	No <input type="checkbox"/>
2	Rebuild differentials	OK <input type="checkbox"/>	No <input type="checkbox"/>
3	Rebuild hydraulic cylinders	OK <input type="checkbox"/>	No <input type="checkbox"/>
4	Rebuild hydraulic valves	OK <input type="checkbox"/>	No <input type="checkbox"/>
5	Rebuild transmission	OK <input type="checkbox"/>	No <input type="checkbox"/>
6	Rebuild torque converter	OK <input type="checkbox"/>	No <input type="checkbox"/>
7	Replace pumps or contact Allied Systems for servicing.	OK <input type="checkbox"/>	No <input type="checkbox"/>
8	Replace steering idler bearings	OK <input type="checkbox"/>	No <input type="checkbox"/>

Kits

Allied P/N	Description	Quantity Required for this Interval
R14093	Service Kit, Front Differential, Pinion & Side Gear	1
	Service Kit, Rear Differential, Pinion & Side Gear	1
241586	Service Kit, Front Differential, Ring & Pinion	1
	Service Kit, Rear Differential, Ring & Pinion	1
241587	Service Kit, Front Differential, Cap & Cover Assembly	1
	Service Kit, Rear Differential, Cap & Cover Assembly	1
241593	Service Kit, Front Differential, Sub Assembly	1
241588	Service Kit, Rear Differential, Sub Assembly	1
241589	Service Kit, Front Differential, Case	1
	Service Kit, Rear Differential, Case	1
587692	Service Kit, Planet Carrier	4
578377	Service Kit, Steering & Drive Suspension Cylinders	16
009-1508	Service Kit, Steering Group Cylinders	4
587623	Service Kit, Transmission	1
570774	Service Kit, Converter	1
218966	Service Kit, Brake Valve	2
247515	Service Kit, Quick Release Valve	1
247516	Service Kit, Modulating Relay Valve Cartridge & Diaphragm	1

MECHANIC _____

SUPERVISOR _____

DATE _____

MODEL HLT185 _____

SERIAL No 118614 _____

HOUR METER _____

Major Overhaul continued

Kits

Allied P/N	Description	Quantity Required for this Interval
224747	Service Kit, Treadle Valve	1
221647	Service Kit, Expello	4
214419	Service Kit, Relay Valve	1
234639	Service Kit, Steering Flow Amplifier Valve	1
255140	Service Kit, Sectional For Control Valve	2
255141	Service Kit, Mid-Inlet For Control Valve	4
254108	Shoe, Brake	8
254116	Service Kit, Hardware, Brake	4
588763	Hose Kit; Air System	1
588764	Hose Kit; Tank Installation, Fuel	1
207856	Air Intake System	1
588765	Hose Kit; Power Unit	1
588766	Hose Kit; Hydraulic System Transmission	1
588767	Hose Kit; Hydraulic System Hoist	1
588769	Hose Kit; Hydraulic System Steering	1
588770	Hose Kit; Hydraulic System Chassis	1

MECHANIC _____

SUPERVISOR _____

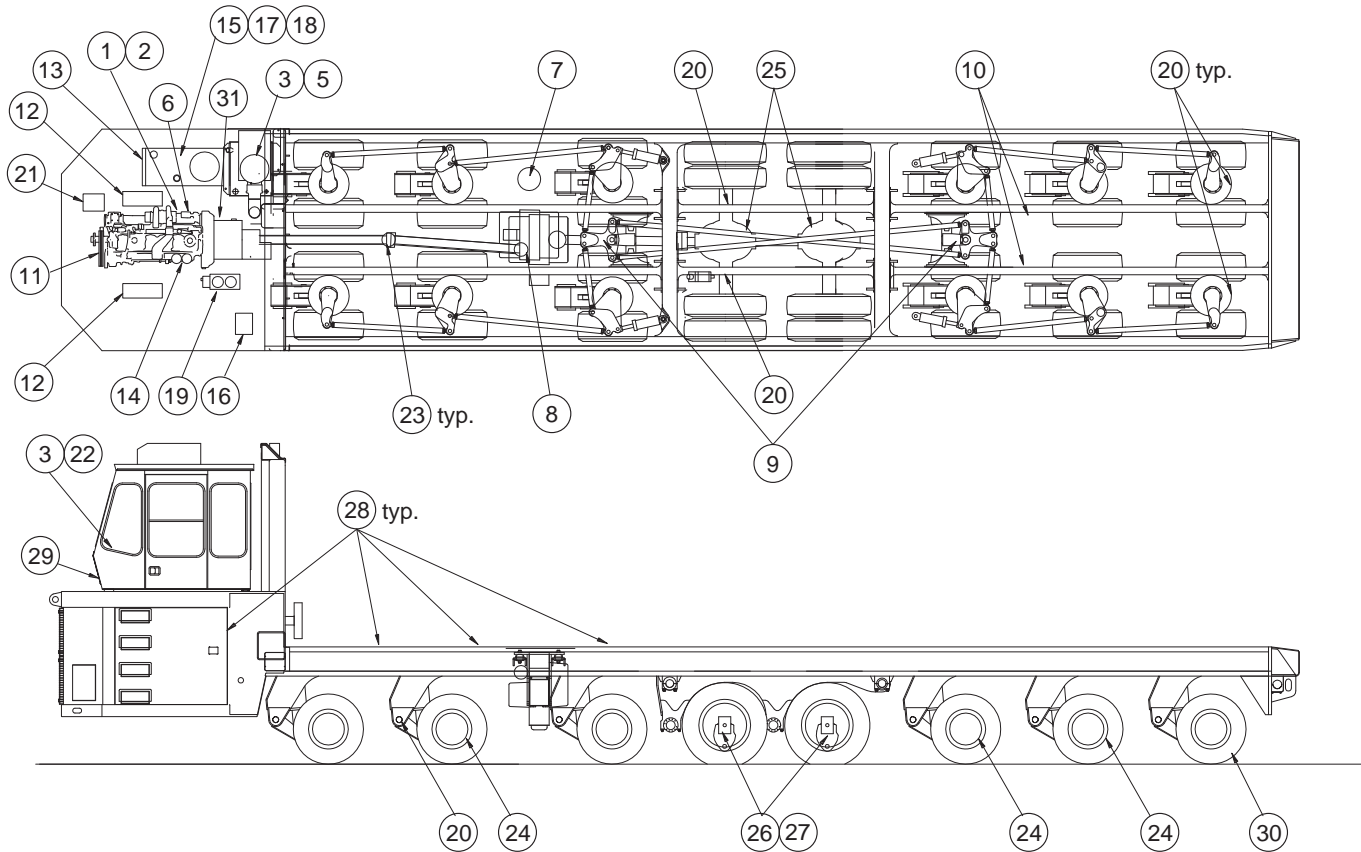
DATE _____

MODEL HLT185 _____

SERIAL No 118614 _____

HOUR METER _____

Maintenance and Lubrication Checkpoints



Checkpoint	Interval	Checkpoint	Interval
1 Engine Oil Filter	Daily	16 Flow divider gearbox - check oil level	Every 250 Hours
2 Engine Oil Level Dipstick	Daily	17 Hydraulic tank breather	Every 150 Hours
3 Fuel level gauge/sight gauge	Daily	18 Hydraulic suction filters	Every 1000 Hours
4 Engine air cleaner (restriction/leaks)	Daily	19 Hydraulic pressure filters	Every 1000 Hours
5 Engine pre-cleaner	Daily	20 Lubrication points	Every 250 Hours
6 Engine Coolant Filter	Every 250 Hours	21 Cooling system (level, leaks)	Daily
7 Engine Fuel Filters	Every 250 Hours	22 Gauges and indicators (acceptable readings)	Daily
8 Transmission oil level	Daily	23 Driveline lube points	Every 50 Hours
9 Steering idler pivot lube points	Every 250 Hours	24 Brake shoes, drum, linings, rollers, bushings, etc.	Every 250 Hours
10 Air/hydraulic brake actuator fluid level	Daily	25 Differential oil level (2 places)	Every 250 Hours
11 Engine Belts (condition and tension)	Daily	26 Planetary axle housing oil level (4 places)	Every 250 Hours
12 Batteries	Every 250 Hours	27 Drive axles - slack adjuster and cam bushing lube points	Every 250 Hours
13 Hydraulic Oil level sight gauge	Daily	28 Engine, deck and frame access door hinges (10 places)	Every 500 Hours
14 Transmission Filter	Every 500 Hours	29 Steering column u-joints and slip (6 places)	Every 2500 Hours
15 Hydraulic return filter gauge	Daily	30 Condition of wheels and tires	Daily
		31 Block heater cord	--