

MAINTENANCE TABLE

UD25 ENGINE

APPLICATION		ENGINE TYPE		SERVICE						
MARINE <input type="checkbox"/> Propulsion <input type="checkbox"/> On board genset RAILWAY LAND BASED <input type="checkbox"/> Genset Load Factor < 0,8		<input type="checkbox"/> UD25V12M - UD25L6M <input type="checkbox"/> UD25V12S - UD25L6S <input type="checkbox"/> UD25V12R - UD25L6R <input type="checkbox"/> UD25V12S - UD25L6S		continuous duty continuous duty continuous duty						
UNIT	N°	INSPECTIONS AND MAINTENANCE OPERATION	CODES	5	10	20	60	120	240	
			Daily	Weekly	Every 300h	Every 2 500h	Every 5 000h	Every 10 000h	Every 20 000h	Every 30 000h
ENGINE	1	Clean the engine		☺						
	2	Look for leaks and minor problems	☺							
	3	Rocker inspection / adjusment				☺	☺	☺	☺	
	4	Cylinder head technical inspection						☺	☺	
	5	Turbo technical inspection				☺	☺	☺	☺	
	6	Connecting rod and piston / liner inspection							☺	
	7	Endoscopic inspection of the cylinders				☺	☺	☺	☺	
LUBRICATION SYSTEM	8	Check of the engine, governor, injection pump oil levels	☺							
	9	engine oil drainage + analysis			☺					
	10	Filter cartidge replacment			☺					
	11	Centrifugal filter cleaning			☺					
	12	Speed governor oil change						☺	☺	
	13	Hose replacement						☺	☺	
INJECTION SYSTEM AND SPEED GOVERNOR	14	Fuel level check and bleeding	☺							
	15	Hose replacement					☺		☺	
	16	Speed governor check							☺	
	17	Filter element replacement			☺					
	18	Bench check of injectors				☺	☺	☺	☺	
	19	Service tank cleaning						☺	☺	
	20	Injection advance check						☺	☺	
	21	Injection pump check and adjustment							☺	
	22	Supply pump check							☺	
COOLING SYSTEM	23	Cooling water level check	☺							
	24	Hose and union replacement						☺	☺	
	25	Water treatement check				☺				
	26	Cooling water change						☺		
	27	Thermostatic valve inspection						☺	☺	
	28	Water / oil heat exchanger cleaning						☺	☺	
	29	Water pump technical inspection						☺	☺	
COMBUSTION AIR	30	Air filter cleaning or replacement			☺	☺	☺	☺	☺	
	31	Air cooler cleaning						☺	☺	
STARTER SYSTEM	32	Air compressor oil level check	☺							
	33	Starter air filter cleaning						☺	☺	
	34	Starter system check			☺	☺	☺	☺	☺	
	35	Starter battery check		☺						
	36	Dynamo and starter check		☺						
INSTRUMENTS AND ALARMS	37	Safeties check / test				☺	☺	☺	☺	
	38	Measuring instrument check			☺	☺	☺	☺	☺	
COUPLING	39	Coupling check							☺	

OVERHAUL

MAINTENANCE TABLE

UD25 ENGINE

APPLICATION		ENGINETYPE		SERVICE							
MARINE <input type="checkbox"/> Propulsion <input type="checkbox"/> On board genset RAILWAY LAND BASED <input type="checkbox"/> Genset		<input type="checkbox"/> UD25V12M - UD25L6M <input type="checkbox"/> UD25V12S - UD25L6S <input type="checkbox"/> UD25V12R - UD25L6R <input type="checkbox"/> UD25V12S - UD25L6S		continuous duty continuous duty continuous duty							
Load Factor >0.8											
UNIT	N°	INSPECTIONS AND MAINTENANCE OPERATION	CODES	Daily	Weekly	5 Every 300h	10 Every 2 500h	20 Every 5 000h	60 Every 7500h	120 Every 15000h	240 Every 25000h
ENGINE	1	Clean the engine			☺						
	2	Look for leaks and minor problems	☺								
	3	Rocker inspection / adjusment				☺	☺	☺	☺	☺	
	4	Cylinder head technical inspection							☺	☺	
	5	Turbo technical inspection				☺	☺	☺	☺	☺	
	6	Connecting rod and piston / liner inspection									☺
	7	Endoscopic inspection of the cylinders					☺	☺	☺	☺	
LUBRICATION SYSTEM	8	Check of the engine, governor, injection pump oil levels	☺								
	9	engine oil drainage + analysis			☺						
	10	Filter cartidge replacment			☺						
	11	Centrifugal filter cleaning			☺						
	12	Speed governor oil change							☺	☺	
	13	Hose replacement							☺	☺	
INJECTION SYSTEM AND SPEED GOVERNOR	14	Fuel level check and bleeding	☺								
	15	Hose replacement						☺		☺	
	16	Speed governor check								☺	
	17	Filter element replacement			☺						
	18	Bench check of injectors				☺	☺	☺	☺	☺	
	19	Service tank cleaning							☺	☺	
	20	Injection advance check							☺	☺	
	21	Injection pump check and adjustment									☺
	22	Supply pump check									☺
COOLING SYSTEM	23	Cooling water level check	☺								
	24	Hose and union replacement							☺	☺	
	25	Water treatment check				☺					
	26	Cooling water change							☺		
	27	Thermostatic valve inspection							☺	☺	
	28	Water / oil heat exchanger cleaning							☺	☺	
	29	Water pump technical inspection							☺	☺	
COMBUSTION AIR	30	Air filter cleaning or replacement				☺	☺	☺	☺	☺	
	31	Air cooler cleaning							☺	☺	
STARTER SYSTEM	32	Air compressor oil level check	☺								
	33	Starter air filter cleaning							☺	☺	
	34	Starter system check				☺	☺	☺	☺	☺	
	35	Starter battery check			☺						
	36	Dynamo and starter check			☺						
INSTRUMENTS AND ALARMS	37	Safeties check / test					☺	☺	☺	☺	
	38	Measuring instrument check				☺	☺	☺	☺	☺	
COUPLING	39	Coupling check								☺	

O V E R H A U L

☺ Operations to be performed

MAINTENANCE TABLE

UD25 ENGINE

APPLICATION		ENGINE TYPE					SERVICE			
MARINE <input type="checkbox"/> On board genset		<input type="checkbox"/> UD25V12S - UD25L6S					standby duty			
LAND BASED <input type="checkbox"/> Genset		<input type="checkbox"/> UD25V12S - UD25L6S					standby duty			
UNIT	N°	INSPECTIONS AND MAINTENANCE OPERATION	CODES Daily	Weekly	<u>5</u> Every 250h / or year	<u>10</u> Every 500h or year	<u>20</u> Every 1500 h / or 3 years	<u>60</u> Every 2500 h / or 5 years	<u>120</u> Every 5000 h / or 10 years	<u>240</u> Every 20 years
ENGINE	1	Clean the engine		☺						
	2	Look for leaks and minor problems	☺							
	3	Rocker inspection / adjustment				☺	☺	☺	☺	
	4	Cylinder head technical inspection						☺	☺	
	5	Turbo technical inspection				☺	☺	☺	☺	
	6	Connecting rod and piston / liner inspection							☺	
	7	Endoscopic inspection of the cylinders				☺	☺	☺	☺	
LUBRICATION SYSTEM	8	Check of the engine, governor, injection pump oil levels	☺							
	9	engine oil drainage + analysis			☺					
	10	Filter cartidge replacment			☺					
	11	Centrifugal filter cleaning			☺					
	12	Speed governor oil change						☺	☺	
	13	Hose replacement						☺	☺	
INJECTION SYSTEM AND SPEED GOVERNOR	14	Fuel level check and bleeding	☺							
	15	Hose replacement					☺		☺	
	16	Speed governor check							☺	
	17	Filter element replacement			☺					
	18	Bench check of injectors				☺	☺	☺	☺	
	19	Service tank cleaning						☺	☺	
	20	Injection advance check						☺	☺	
	21	Injection pump check and adjustment							☺	
	22	Supply pump check							☺	
COOLING SYSTEM	23	Cooling water level check	☺							
	24	Hose and union replacement						☺	☺	
	25	Water treatment check				☺				
	26	Cooling water change						☺		
	27	Thermostatic valve inspection						☺	☺	
	28	Water / oil heat exchanger cleaning						☺	☺	
	29	Water pump technical inspection						☺	☺	
COMBUSTION AIR	30	Air filter cleaning or replacement			☺	☺	☺	☺	☺	
	31	Air cooler cleaning						☺	☺	
STARTER SYSTEM	32	Air compressor oil level check	☺							
	33	Starter air filter cleaning						☺	☺	
	34	Starter system check			☺	☺	☺	☺	☺	
	35	Starter battery check		☺						
	36	Dynamo and starter check		☺						
INSTRUMENTS AND ALARMS	37	Safeties check / test				☺	☺	☺	☺	
	38	Measuring instrument check			☺	☺	☺	☺	☺	
COUPLING	39	Coupling check							☺	

OVERHAUL

☺ Operations to be performed

MAINTENANCE TABLE

UD150 ENGINE

APPLICATION		ENGINE TYPE		SERVICE						
MARINE <input type="checkbox"/> Propulsion <input type="checkbox"/> On board genset RAILWAY LAND BASED <input type="checkbox"/> Genset		<input type="checkbox"/> UD150V12/L6 <input type="checkbox"/> UD150V12/L6 <input type="checkbox"/> UD150V12/L6 <input type="checkbox"/> UD150V12/L6		continuous duty continuous duty continuous duty						
UNIT	N°	INSPECTIONS AND MAINTENANCE OPERATION	CODES	5	10	20	60	120	240	
			Daily	Weekly	Every 300h	Every 2 500h	Every 5 000h	Every 7500h	Every 15000h	Every 25000h
ENGINE	1	Clean the engine		☺						
	2	Look for leaks and minor problems	☺							
	3	Rocker inspection / adjusment			☺	☺	☺	☺	☺	
	4	Cylinder head technical inspection					☺	☺		
	5	Turbo technical inspection			☺	☺	☺	☺		
	6	Connecting rod and piston / liner inspection							☺	
	7	Endoscopic inspection of the cylinders				☺	☺	☺	☺	
LUBRICATION SYSTEM	8	Check of the engine, governor, injection pump oil levels	☺							
	9	engine oil drainage + analysis			☺					
	10	Filter cartidge replacment			☺					
	11	Centrifugal filter cleaning			☺					
	12	Speed governor oil change						☺	☺	
	13	Hose replacement						☺	☺	
INJECTION SYSTEM AND SPEED GOVERNOR	14	Fuel level check and bleeding	☺							
	15	Hose replacement				☺		☺		
	16	Speed governor check							☺	
	17	Filter element replacement			☺					
	18	Bench check of injectors				☺	☺	☺	☺	
	19	Service tank cleaning						☺	☺	
	20	Injection advance check						☺	☺	
	21	Injection pump check and adjustment							☺	
	22	Supply pump check							☺	
COOLING SYSTEM	23	Cooling water level check	☺							
	24	Hose and union replacement						☺	☺	
	25	Water treatment check				☺				
	26	Cooling water change						☺		
	27	Thermostatic valve inspection						☺	☺	
	28	Water / oil heat exchanger cleaning						☺	☺	
	29	Water pump technical inspection						☺	☺	
COMBUSTION AIR	30	Air filter cleaning or replacement			☺	☺	☺	☺	☺	
	31	Air cooler cleaning						☺	☺	
STARTER SYSTEM	32	Air compressor oil level check	☺							
	33	Starter air filter cleaning						☺	☺	
	34	Starter system check			☺	☺	☺	☺	☺	
	35	Starter battery check		☺						
	36	Dynamo and starter check		☺						
INSTRUMENTS AND ALARMS	37	Safeties check / test				☺	☺	☺	☺	
	38	Measuring instrument check			☺	☺	☺	☺	☺	
COUPLING	39	Coupling check							☺	

O V E R H A U L

☺ Operations to be performed

MAINTENANCE TABLE

UD150 ENGINE

APPLICATION		ENGINE TYPE					SERVICE			
MARINE <input type="checkbox"/> On board genset		<input type="checkbox"/> UD150V12/L6					standby duty			
LAND BASED <input type="checkbox"/> Genset		<input type="checkbox"/> UD150V12/L6					standby duty			
UNIT	N°	INSPECTIONS AND MAINTENANCE OPERATION	CODES Daily	Weekly	<u>5</u> Every 250h / or year	<u>10</u> Every 500h or year	<u>20</u> Every 1500 h / or 3 years	<u>60</u> Every 2500 h / or 5 years	<u>120</u> Every 5000 h / or 10 years	<u>240</u> Every 20 years
ENGINE	1	Clean the engine		☺						
	2	Look for leaks and minor problems	☺							
	3	Rocker inspection / adjusment				☺	☺	☺	☺	
	4	Cylinder head technical inspection						☺	☺	
	5	Turbo technical inspection				☺	☺	☺	☺	
	6	Connecting rod and piston / liner inspection							☺	
	7	Endoscopic inspection of the cylinders				☺	☺	☺	☺	
LUBRICATION SYSTEM	8	Check of the engine, governor, injection pump oil levels	☺							
	9	engine oil drainage + analysis			☺					
	10	Filter cartidge replacment			☺					
	11	Centrifugal filter cleaning			☺					
	12	Speed governor oil change						☺	☺	
	13	Hose replacement						☺	☺	
INJECTION SYSTEM AND SPEED GOVERNOR	14	Fuel level check and bleeding	☺							
	15	Hose replacement					☺		☺	
	16	Speed governor check							☺	
	17	Filter element replacement			☺					
	18	Bench check of injectors				☺	☺	☺	☺	
	19	Service tank cleaning						☺	☺	
	20	Injection advance check						☺	☺	
	21	Injection pump check and adjustment							☺	
	22	Supply pump check							☺	
COOLING SYSTEM	23	Cooling water level check	☺							
	24	Hose and union replacement						☺	☺	
	25	Water treatment check				☺				
	26	Cooling water change						☺		
	27	Thermostatic valve inspection						☺	☺	
	28	Water / oil heat exchanger cleaning						☺	☺	
	29	Water pump technical inspection						☺	☺	
COMBUSTION AIR	30	Air filter cleaning or replacement			☺	☺	☺	☺	☺	
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STARTER SYSTEM	32	Air compressor oil level check	☺							
	33	Starter air filter cleaning						☺	☺	
	34	Starter system check			☺	☺	☺	☺	☺	
	35	Starter battery check		☺						
	36	Dynamo and starter check		☺						
INSTRUMENTS AND ALARMS	37	Safeties check / test				☺	☺	☺	☺	
	38	Measuring instrument check			☺	☺	☺	☺	☺	
COUPLING	39	Coupling check							☺	

OVERHAUL