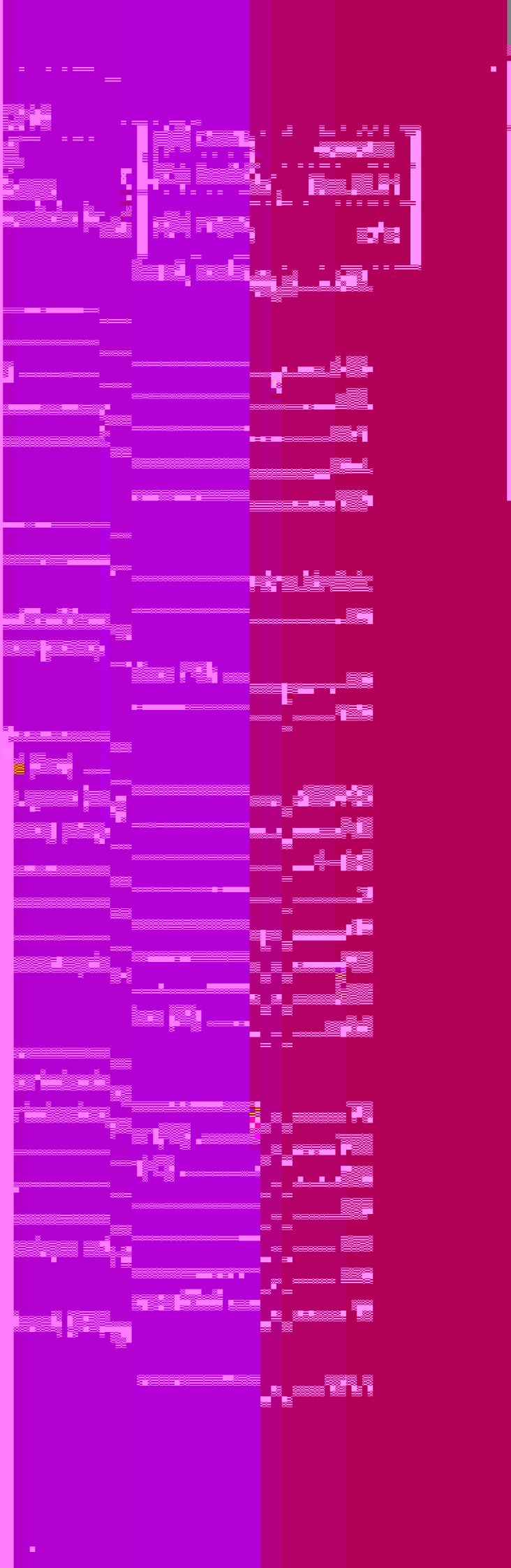




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## 冷却系统 Cooling system (N)

冷却系统允许使用最高环境温度 System allowed to use the highest ambient temperature  
 系统允许的外部出水管内径 Min. inside diameter of the external outlet pipe  
 允许的高温冷却液容量 Coolant capacity for high temperature cooling liquid  
 发动机低温冷却液容量 Coolant capacity for engine low temperature cooling liquid  
 发动机报警（停机）温度 Coolant temperature for engine alarm (stop)  
 节温器初开/全开温度 Thermostat opening/fully open temperature  
 冷却循环允许外部阻力高/低温 Max. additional restriction for external cooling loop at high/low temperature  
 风扇风量 Cooling fan air flow  
 风扇功耗 Fan absorbed power ( )

## 燃油系统 Fuel system

调速器 Governor  
 进油口最大阻力 Max. restriction at inlet  
 进油口最大压力 Max. pressure at inlet  
 最大回油阻力 Max. fuel return restriction  
 最大进油温度 Max. fuel inlet temperature  
 发动机供油流量 Fuel supply flow  
 进油管最小内径 Min. internal diameter of inlet pipe  
 回油管最小内径 Min. internal diameter of return pipe

## 电器系统 Electrical system

电器系统电压 Electrical system voltage  
 起动机功率 Starter motor power  
 推荐最佳电池容量 Recommended battery capacity  
 充电电流/充电电压 Battery charging current/voltage  
 充电发电机功率 Battery charging generator power  
 启动回路最大电阻 Max. electric resistance of starting circuit  
 启动回路各线路最小截面积 Min. cross-sectional area of each line in starting circuit

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环境温度 System ambient temperature	.....50
系统允许的外部出水管内径 Min. inside diameter of the external outlet pipe	.....60
允许的高温冷却液容量 Coolant capacity for high temperature cooling liquid	.....76
发动机低温冷却液容量 Coolant capacity for engine low temperature cooling liquid	.....N/A
发动机报警（停机）温度 Coolant temperature for engine alarm (stop)	.....103
节温器初开/全开温度 Thermostat opening/fully open temperature	.....80/92
冷却循环允许外部阻力高/低温 Max. additional restriction for external cooling loop at high/low temperature	.....0.5/N/A
风扇风量 Cooling fan air flow	.....N/A
风扇功耗 Fan absorbed power ( )	.....N/A
调速器 Governor	怠速调速
进油口最大阻力 Max. restriction at inlet	.....0.5
进油口最大压力 Max. pressure at inlet	.....0.2
最大回油阻力 Max. fuel return restriction	.....0.5
最大进油温度 Max. fuel inlet temperature	.....70
发动机供油流量 Fuel supply flow	.....1090
进油管最小内径 Min. internal diameter of inlet pipe	.....19
回油管最小内径 Min. internal diameter of return pipe	.....19
电器系统电压 Electrical system voltage	.....24
起动机功率 Starter motor power	.....2×8.5
推荐最佳电池容量 Recommended battery capacity	.....50-1200
充电电流/充电电压 Battery charging current/voltage	.....55/28
充电发电机功率 Battery charging generator power	.....1.5
启动回路最大电阻 Max. electric resistance of starting circuit	.....0.008
启动回路各线路最小截面积 Min. cross-sectional area of each line in starting circuit	.....70

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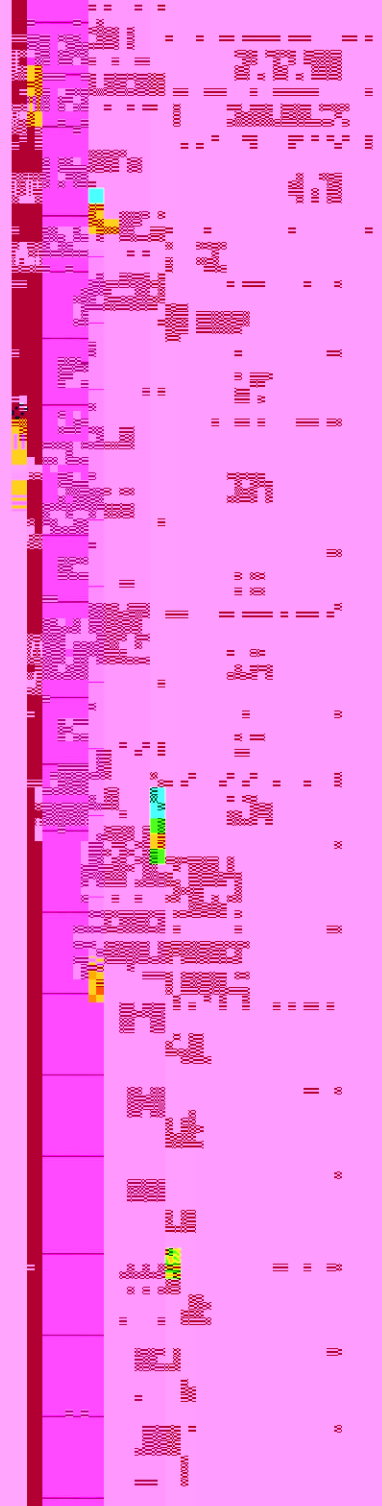
热平衡测试

冷却液进出口	Coolant inlet / output pressure
冷却液进出口	Coolant inlet / output temperature
冷却液流量	Coolant flow
中冷器进出口	Intercooler inlet / outlet pressure
中冷器进出口	Intercooler inlet / outlet temperature
发动机总散热	Engine heat rejection
高温循环散热器	High temperature cooling circuit
中冷散热器	Intercooler
排气散热器	Exhaust gas cooling
发动机辐射	Engine surface radiation
涡后排气温度	Exhaust gas temperature after turbocharger

注意Note: HT: 高温回路 Jacket Water

Model :	12M33D1450
Engine Data (环境温度)	发动机数据
HT	
L: -4.0/103	
R: -4.1/104	
HT	
L: 85.8/92	
R: 86.2/93	
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L: 39.5	
R: 39.4	
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