

COMBUSTION SYSTEM

Oil specifications: See service manual

Total engine oil capacity 11.5 97
 New engine oil, oil drain 11.0 97
 New capacity 444. 444 (new) 11.5 97

Oil filter: - type Replacement filter
 - quantity 1

Oil status: - type Filter

Oil pressure: - operating speed 1800 100 - 100
 - start speed 1800 100 - 100
 - shut down 1800 00

Oil temperature: - operating at full load 170 .. 90 - 100
 - hot procedure 170 .. 110

AIR INTAKE SYSTEM

New air cleaner capacity tested 7.000 L
 New total depression 18Pa 5

EXHAUST SYSTEM

Exhaust gas flow 1800 1000
 Exhaust gas temperature 170 100
 Weight of exhaust gases 1800 400
 New procedure exhaust back pressure 18Pa 0

IGNITION SYSTEM

Timing order 1-3-2-4-3-1
 Ignition Distributor
 Ignition injection pump: - type PMP/DAVIDBROWNE
 Injection starts at 1° before TDC 14
 Exhaust pressure: - type 00
 - max. indicated speed type 1200-1200

ELECTRICAL SYSTEM

Starter motor: - type 00
 - capacity 20 A / 12 V
 Alternator: - capacity 20 A / 14.4 V

AIR CONDITIONING

Refrigerant oil volume 0
 Refrigerant 1800 600
 Type cooling Water

REFUELING PUMP

Refrigerant 1800 00 / 00
 Max. pressure 1800 20.0 / 00
 Speed 1800 1200

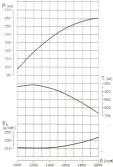
9000 01

LT 100L (ICE: 100kW)

1000000

ICE: 100-100
100 1000

WARRANTY: 3 YEARS / 100,000 KM
 SERVICE: 24 HOURS / 7 DAYS
 SUPPORT: 24 HOURS / 7 DAYS



PUMP DESCRIPTION	Region: AT 100 A	PUMP COMPONENTS
COMBINATION SYSTEM		
Oil separator	See separate record	
Total engine oil capacity	112	20
Total capacity Min. oil level	112	20
Total capacity Max. oil level	112	27
Oil filter - type	Horsehair filter	
- quantity	1	
Oil cooler - type	Water	
Oil pressure - operating speed (PSI)	100 - 100	
- slow speed (PSI)	75 - 100	
- shut. down (PSI)	20	
Oil temperature - operating at full load (°C)	70 - 100	
- Max. permissible (°C)	120	
SEA-WATER SYSTEM		
Max. air suction pressure (mmHg)	1 mm.	1.00
Max. water depression (mmHg)	0	
WATER SYSTEM		
Water and fill (mmHg)	1000	1000
Water jet temperature (°C)	100	100
Height of water jet (mmHg)	700	1000
Max. permissible exhaust back pressure (mmHg)	0	
EXHAUST SYSTEM		
Exhaust valve	1-5-24-2-4	
Exhaust	Water	
Exhaust temperature (mmHg) - type	PROP. CONDENSING	
Exhaust valve at 1" vacuum (mmHg)	0	
Exhaust pressure - 100%	0	
- Max. permitted speed (mmHg)	1000-1000	
ELECTRICAL SYSTEM		
Voltage select - type	20	
- quantity	20 V + 1.4 20	
Alternator - capacity	20 V + 100 A	
ICE CONDENSING		
Number of cylinders	2	
Temperature	500	
Type cooling	Water	
WATER-JET PUMP		
Type cooling	Water	
Max. pressure (PSI)	10, 2 + 10	
Speed (rpm)	1000	1000
		"

9981 02

LT 105L (ECC: 105W)



ECC 105-105
105 105W

PROPELLANT: Liquid Air (LH)
PROPELLANT: Liquid Oxygen (LO)
PROPELLANT: Hydrogen

WET WEIGHT: 105 105 (LH)
WET WEIGHT: 105 105 (LO)
WET WEIGHT: 105 105 (H₂)

