










PICTURES	QTY	DESCRIPTION	REF. HIMSEN
	1	Crankshaft, five (5) – cylinders (from 2008) - Ground to first-undersize: - 0,50 mm. - Main-journals : Ø 219,50 mm. - Crankpin-journals: Ø 189,50 mm. - Complete checked on cracks, hardness and straightness - Complete with ten (10) counter weights and one (1) gear wheel - Incl. DNV-GL survey - Packed in wooden crate (ISPM-15 // ± 1.460 kgs / 254 x 84 x 92 cms)	
	3	Crankshaft, five (5) cylinders, complete or by piece. Id: H21FC5 - B91-010455	A25000
	4	Governor WOODWARD UG-25	 A41000-110
	15	Overhauled Cylinder cover/head - Height: 339 mm. - Nozzle sleeve: Ø 20 mm. - Complete fitted with: Inlet + Exhaust valve spindles Inlet valve seat rings + guides + springs + discs Exhaust valve seat rings (cooled) + guides + springs + discs	C21100-100
	15	Cylinder liner « NEW »	A15000-111





	15	APR- « NEW »	A15000-122
	15	First ring «NEW»	A31100-151
	15	Second ring «NEW»	A31100-152
	15	Scraprer ring «NEW»	A31100-153
	15	Piston assembly - Consists out of: aa) Forged steel piston crown/top part - Part no. 31.111 bb) Cast steel piston skirt/lower part - Part no. 31.112 - Slightly used, within limits, from dismantled engine	A31100-110
	15	Piston pin - Slightly used, still in tolerance, from dismantled engine - Part no.	A31100-120



	15	Valve train assembly	A23000-200	
	15	Connecting rod - Very slightly used, as new - Hydraulic type - Complete with: - Small-end bush	A32000-200	
		Unused (new) Big end bearing, 2/2 - 0,5 mm. undersize - Made by MIBA	A32000-120	
	15	Used Fuel injection pump, complete - Type: NFP: E2D22M - SERIAL n° 90288 - Made in Japan by Nico Precision Co. Inc. - Licensee manufacturer for Himsen		A51000-100
	15	Fuel injection valve NICO	A52000-100	
	4	Starting air motor, five (5) – cylinders - Slightly used, in good condition - Cleaned, checked and tested - Model # TDI 52-21981-004 - Voltage 14 - 26 VDC	A42100-101	



	3	<p>Cooling water pump, L.T-blank,</p> <ul style="list-style-type: none">- Very slightly used, from dismantled engine- Completely checked and cleaned- Part no: A.71000 - 300	A71000-110
		<p>Lubrication oil pump, assembly</p> <ul style="list-style-type: none">- Very slightly used- Completely checked and cleaned- Part no. M.61.1000	A61000-100