


01	10.12.12	AS BUILT	Tnu	Mgr	Bbe
Proj.rev.code	Issue date	Reason for issue	Made by	Chk'd by	Appr. by
P.O.Number		Package Title			
		240 TONS CONTINIUS LINEAR WINCH			
Tag.No.(s) 5050					
 supplier logo Stavanger department				For project use	
				1	2
		Date		Sign.	
Rental no: 3918 / 4247					
Project Code		Area/Location		System Code	
Document title (must be identical to entry on SMDR) MECHANICAL DATA SHEET FOR MODEL KTC – 240 Linear winch					
SDRL Code(s)					
Project Document No.	270031-001			Page 1 of 3	

MECHANICAL DATA SHEET

1.1	TYPE OF EQUIPMENT	Hydraulic linear winch, max SWL 240 T lifting
1.2	Owner	K. Lund Offshore as, Skvadronveien 29, 4050 SOLA
1.3	Supplier	K. Lund Offshore as, Skvadronveien 29, 4050 SOLA
1.4	Manufacturer	Kley France 30 Boulevard Bellerive, France
1.5	Serial number	670M 1000
1.6	Number ea.	1
1.7	Year of manufacture	2012

2. MECHANICAL

2.1	CODES	NPD Regulations relating to Lifting Appliances DNV Rules for Certification of Lifting Appliances Machine directive
2.2	CERTIFICATES	ILO Form 3
2.3	AMBIENT CONDITIONS Temperature Atmosphere Inertia Hazardous area	-20 to + 30 °C Offshore, saliferous, 100% humidity +/- 0.1 g horizontal, any direction, +/- 0.2 g vertical Zone 1
2.4	TYPE	KTC 240 T Linear winch
2.5	DESIGN CAPACITY	120 T SWL lifting half deplisement 240 T SWL lifting at full deplisement
2.6	HOISTING SPEED	0 – 2,4 m/min at half deplisement 0 – 1,2 m/min at full deplisement
2.7	SERVICE	Hoisting/lowering 240 T SWL (Material handling) Hoisting/lowering 120 T SWL (Material handling)
2.8	DESIGN PERFORMANCE	240Ton
2.9	CLASSIFICATION OF MACHINERY (FEM)	M5
2.10	WIRE ROPE Size max mm Type	Ø89 low rotation
2.11	DRUM Barrel diameter x length mm Capacity m Number of layers	Na Na

MECHANICAL DATA SHEET

3. HYDRAULICS

3.1	DRIVE SYSTEM		Hydraulic piston
3.2	MACHINERY Gear Brake		High / low gear Hydraulic sealing valves bolted on cylinders.
3.3	OIL SUPPLY Pressure Flow l/min	barg	Max 2 x 350 (for gripper A and B) max 2 x 300 (for gripper A and B)
3.4	OIL TYPE		Mineral oil with high viscosity index and with high pressure- and antifouling-additives VG 32 (32 cSt @42 °C)

4. MISCELLANEOUS

4.1	MISC. EQUIPMENT Wire guiding		Na
4.2	DRUM GUARD		Na
4.3	CONNECTIONS Pressure Tank Drain Load sensing		Quick Connects 1 1/4" FM Snap-tite 71-3C16 1 1/4" M Snap-tite 71-3N16 3/4" FM Snap-tite 71-3N12 1/4" M Snap-tite 71-3C4
4.4	SIZE LxWxH	mm	8110 x 2232 x 1085
4.5	WEIGHT Net Gross	kg kg	21 700