

# WINCH INSPECTION & MAINTENANCE RECORD

for Diesel, Electric and Hydraulic Winches

Company:
Vessel:
Manufacturer:
Model #:
Serial #:
Winch ID:
Winch Location:

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TDI Brooks International Safety Management Manual requires repairs and maintenance performed on cranes be recorded. The annual winch/lifting certifications require these records to be available for review by the certifying agency.

## **Winch Inspections**

The following items are to be inspected on a daily basis or for less active winches, <u>prior to its use</u>. Additional daily or monthly checks may be required based on the type of winch and its use. See for instance SOP GEN-006D. Consult the winch owners manual for additional requirements.

### **Daily Inspections**

- All control mechanisms for adjustment and wear.
- Control mechanisms, responsiveness and labeling
- All winch functions for proper operation.
- All safety devices.
- Hydraulic system leaks and spills
- Wire or rope condition, and termination device
- Fluid levels (oil, fuel, coolant, hydraulics)
- Lubrication of bearing surfaces

The intent of this record book is to aid our ships crew in crane inspections and maintenance. This document is not a definitive source and TDI Brooks International, Inc. does not accept responsibility nor is liable for any outcome from its use.

### **Repair and Maintenance Record**

Date	Description of Work
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# **Repair and Maintenance Record**

Date	Description of Work

Winch(e	es)		Month						v	/inch	n(es)		Month					
Date Co	mpleted			Inspe	cted By:				D	ate C	Completed			Inspec	ted By:			
In	spection Area			In	spection	Results			_		Inspection Area			Ins	spection	Result	5	
Supporti	ing Structure	Sat.	UnSat	N/A		Comr	nents		S	uppo	rting Structure	Sat.	UnSat	N/A		Com	ments	
W	elds									1	Welds							
Во	olts									Ī	Bolts			$\Box$				
Ru	ust Control									Ī	Rust Control							
	ind System								Le		Wind System		•					
	ensors/Wiring			Π							Sensors/Wiring		I	П				
	ıbrication										Lubrication			$\Box$				
	rive Mechanism										Drive Mechanism			$\vdash$				
Lir	ne Counter									lī	Line Counter			$\Box$				
	oad Cell										Load Cell		1	$\Box$				
Electrica									Е	lectri								
	ower Cord & Connect.			Π						F	Power Cord & Connect.			П				
	ontrol Box									Ī	Control Box			$\Box$				
Drawwo									D		vorks		•					
W	ire, Rope Condition			Т						Ī	Wire, Rope Condition		T	П				
	ermination										Termination			$\Box$				
Br	akes Primary									Ī	Brakes Primary			$\Box$				
	akes Secondary										Brakes Secondary							
Do	ogging chock									Ī	Dogging chock							
Mo	ounting Bolts									Ī	Mounting Bolts							
Dr	rive Chain									Ī	Drive Chain							
Hydrauli	ic System								Н	ydrai	ulic System							
Pι	ump Performance										Pump Performance							
	ontrol functions										Control functions							
	ontrol Markings										Control Markings							
	ydraulic Leaks										Hydraulic Leaks							
	ose Condition										Hose Condition							
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Diesel S									D		System							
	uel Level										Fuel Level			$\sqcup$				
	il Level										Oil Level			$\sqcup$				
	mergency Stop									Į <u>t</u>	Emergency Stop			$\sqcup$				
Th	rottle response									Ľ	Throttle response							
	Daily	Inspecti	ons - Initia	I in Date	block when pe	rformed			_		Daily	Inspect	ions - Initia	l in Date b	olock when p	erformed		
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11	12 13	14	15	16	17	18	19	20			11 12 13	14	15	16	17	18	19	20
21	22 23	24	25	26	27	28	29	30			21 22 23	24	25	26	27	28	29	30

	Wire Log - Winch	า					
Wire/Rope	e Size and Type						
Date insta	lled	New ? Y	N				
Initial Lenç	gth	True Measure	or Estimated				
Date	Amount Removed	Remaining on Drum	Reason/Comment	Date	Amount Removed	Remaining on Drum	Reason/Comment
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W	elds									1	Welds							
Во	olts									Ī	Bolts			$\Box$				
Ri	ust Control									Ī	Rust Control							
	ind System								Le		Wind System		•					
	ensors/Wiring			Π							Sensors/Wiring		I	П				
	ıbrication										Lubrication			$\Box$				
	rive Mechanism										Drive Mechanism			$\vdash$				
Lir	ne Counter									lī	Line Counter			$\Box$				
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	ower Cord & Connect.			Π						F	Power Cord & Connect.			П				
	ontrol Box									Ī	Control Box			$\Box$				
Drawwo									D		vorks		•					
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	ermination										Termination			$\Box$				
Br	akes Primary									Ī	Brakes Primary			$\Box$				
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Do	ogging chock									Ī	Dogging chock							
Mo	ounting Bolts									Ī	Mounting Bolts							
Dr	rive Chain									Ī	Drive Chain							
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21	22 23	24	25	26	27	28	29	30			21 22 23	24	25	26	27	28	29	30

	Wire Log - Winch	า					
Wire/Rope	e Size and Type						
Date insta	lled	New ? Y	N				
Initial Lenç	gth	True Measure	or Estimated				
Date	Amount Removed	Remaining on Drum	Reason/Comment	Date	Amount Removed	Remaining on Drum	Reason/Comment
	•						

Wire Log - Winch								
Wire/Rope Size and Type								
Date installed		New ? Y N						
Initial Length		True Measure or Estimated						
Date	Amount Removed Remaining on Drum		Reason/Comment		Date Amount Removed Remaining on Drum Reason/Comment			
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