

Y22-1
SEP

Our File

G01540-2

TECHNICAL FIELD REPORT

Inspection Date

2026-06-24

To: **North West Crane Enterprises Ltd**
9301 102 Street
Clairmont, AB T8X5G8

Attn: Mr. Kyle Hislop

Re: Inspection of Ferrari Truckmount Crane
Model F330R A3, S/N 104077, Unit 13606
Year of Manufacture: 2014
Owner: North West Crane Enterprises Ltd
Work Order: W03370



Visual examinations and magnetic particle inspections were performed on the above-described equipment. The specific items examined and our inspection findings were as follows:

1. Outrigger and Box Frame - no defects noted.
2. Main Frame - no defects noted.
3. Pedestal Turret - no defects noted.
4. Boom Butt Section - no defects noted.
5. First Boom Intermediate Section - no defects noted.
6. Second Boom Intermediate Section - no defects noted.
7. Third Boom Intermediate Section - no defects noted.
8. 1-tonne SWL Swivel Load Hook - no defects noted.

Notes:

BC certification will be provided upon review of completed mechanical and control element inspections.

• • FORMAL REPORT TO FOLLOW • •

Inspector:

Darren Kunyk
CGSB MT2, CWB1

Appendix



Figure 1: ID tag for records

**NORTH WEST CRANE
FOLDING CRANE CHECK II**



Customer: NWC GP **W/O #** _____ **Equip.#** _____ **License #** _____
Crane Make: Ferrari. **Model:** 330L **Serial #** _____
Chassis Make: _____ **Model:** _____ **Serial #:** 104077.
Date Inspected: JUN 6 2016 **Inspected By:** Kyle H. **Reviewed By:** _____

	NEW CONDITION	GOOD CONDITION	FAIR CONDITION	POOR CONDITION	FAILED CONDITION	NEEDS DISASSEMBLY	NOT APPLICABLE	Comments	Labor \$	Parts \$
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TRUCK FRAME/ CRANE TIE DOWNS

a) Truck frame	/									
b) Sub frame	/									

HYDRAULIC RESERVOIR

a) Mounting brackets	/									
b) Sight gauge	/									
c) Dipsitch						/				
d) Breather	/									
e) Suction fittings	/									
f) Return Fittings	/									
g) Tank conditon	/									
h) Description (standard, underdeck, fuel main frame)	/									

MAINFRAME WELDMENT

a) Weld condition	/									
b) Structural condition	/									
c) Wishbone condition						/				
d) Boom rest condition						/				

OUTRIGGERS (MAIN)

a) Outer beam condition (driver)						/				
Outer bean condition (passenger)						/				
b) Inner beam condition (driver)						/				
Inner beam condition (passenger)						/				
c) Pad condition (driver)						/				
Pad condition (passenger)						/				
d) Pin condition (driver)						/				
Pin condition (passenger)						/				
e) Bushing condition (driver)						/				
Bushing condition (passenger)						/				
f) Roller condition (driver)						/				
Roller condition (passenger)						/				
g) Rub bars (driver)						/				
Rub bars (passenger)						/				
h) Stopper condition (driver)						/				
Stopper condition (passenger)						/				

NORTH WEST CRANE FOLDING CRANE CHECK II

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***NORTH WEST CRANE
FOLDING CRANE CHECK II***

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**NORTH WEST CRANE
FOLDING CRANE CHECK II**

	NEW CONDITION	GOOD CONDITION	FAIR CONDITION	POOR CONDITION	FAILED CONDITION	NEEDS DISASSEMBLY	NOT APPLICABLE	Comments	Labor \$	Parts \$
4th EXTENSION BOOM										
a) Overall Condition							/			
b) Camber of Boom Excessive?							/			
c) Dents or Weld Split?							/			
d) Extension Cylinder Mount Assembly							/			
5th EXTENSION BOOM										
a) Overall Condition							/			
b) Camber of Boom Excessive?							/			
c) Dents or Weld Split?							/			
d) Extension Cylinder Mount Assembly							/			
6th EXTENSION BOOM										
a) Overall Condition							/			
b) Camber of Boom Excessive?							/			
c) Dents or Weld Split?							/			
d) Extension Cylinder Mount Assembly							/			
7th EXTENSION BOOM										
a) Overall Condition							/			
b) Camber of Boom Excessive?							/			
c) Dents or Weld Split?							/			
d) Extension Cylinder Mount Assembly							/			
8th EXTENSION BOOM										
a) Overall Condition							/			
b) Camber of Boom Excessive?							/			
c) Dents or Weld Split?							/			
d) Extension Cylinder Mount Assembly							/			
9th EXTENSION BOOM										
a) Overall Condition							/			
b) Camber of Boom Excessive?							/			
c) Dents or Weld Split?							/			
d) Extension Cylinder Mount Assembly							/			
WINCH WELDMENT										
a) Structural Condition							/			
b) Straightness							/			
c) Weld Condition							/			
LOADLINE										
a) Size of Loadline							/			
b) Condition							/			
c) Spooled Correctly							/			
d) Proper Length							/			
e) Lubricated							/			

**NORTH WEST CRANE
FOLDING CRANE CHECK II**

	NEW CONDITION	GOOD CONDITION	FAIR CONDITION	POOR CONDITION	FAILED CONDITION	NEEDS DISASSEMBLY	NOT APPLICABLE	Comments	Labor \$	Parts \$
LOAD BLOCK/HOOK										
a) Block Condition							/			
b) Sheaves Condition							/			
c) Hook Condition			1					Bad latch		
d) Latch Condition										
e) Downhaul Weight							/			
f) Cable Clamps							/			
g) Wedge and Socket Condition							/			
h) Auxiliary Sheave Condition							/			
CYLINDERS										
a) Main Lift Cylinder(s)								bad fitting		
b) Folding Cylinder(s)								bad fitting		
c) Extension Cylinder #1		1								
d) Extension Cylinder #2		1								
e) Extension Cylinder #3		1								
f) Extension Cylinder #4							/			
g) Extension Cylinder #5							/			
h) Extension Cylinder #6							/			
i) Extension Cylinder #7							/			
j) Extension Cylinder #8							/			
k) Outrigger Driver Side							/			
l) Horizontal Outrigger Driver Side							/			
m) Outrigger Passenger Side							/			
n) Horizontal Outrigger Passenger Side							/			
o) Stabilizer Driver Side							/			
p) Stabilizer Passenger Side							/			
q) Horizontal Stabilizer Driver Side							/			
r) Horizontal Stabilizer Passenger Side							/			
s) Swing Cylinder Driver Side		1								
t) Swing Cylinder Passenger Side		1								
u) Extension Tracks and Guides		1								
MAIN CONTROL VALVE (MAKE MODEL										
a) Main Lift Cylinder Valve		1								
b) Folding Cylinder Valve		1								
c) Swing Valve		1								
d) Extension Cylinder Valve		1								
e) Winch Valve							/			
f) Extra Valve Spools							/			

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	NEW CONDITION	GOOD CONDITION	FAIR CONDITION	POOR CONDITION	FAILED CONDITION	NEEDS DISASSEMBL	NOT APPLICABLE	Comments	Labor \$	Parts \$
OUTRIGGER CONTROL VALVE (MAKE _____ MODEL _____)										
A) Driver Side Vertical							/			
b) Driver Side Horizontal							/			
c) Passenger Side Vertical							/			
d) Passenger Side Horizontal							/			
e) Extra Valves							/			
SELECTOR VALVE (MAKE _____ MODEL _____)										
a) Valve Condition		/								
b) Pins/Linkages Condition		/								
c) Rod Condition		/								
WINCH (MAKE _____ MODEL _____)										
a) Oil Level							/			
b) Oil Condition							/			
c) Brake Leaking							/			
d) Brake Applying Properly							/			
e) Motor Leaking							/			
f) Drum Seals Leaking							/			
g) Vent/Breather Condition							/			
h) ATB Overload Microswitch Adjusted Correctly							/			
i) Rotating Winch Flange Free to Rotate (if equipped)							/			
HOLDING VALVES										
a) Main Lift Cylinder(s)		/						HOLDS ADJUST REPLACE		
b) Folding Boom Cylinder		/						HOLDS ADJUST REPLACE		
c) Extension Cylinder		/						HOLDS ADJUST REPLACE		
d) Outrigger Cylinder Driver Side							/	HOLDS ADJUST REPLACE		
e) Outrigger Cylinder Passenger Side							/	HOLDS ADJUST REPLACE		
f) Stabilizer Cylinder Driver Side							/	HOLDS ADJUST REPLACE		
g) Stabilizer Cylinder Passenger Side	/	/						HOLDS ADJUST REPLACE		
h) Winch Motor							/	HOLDS ADJUST REPLACE		
GEAR BOX (S) (MAKE _____ MODEL _____)										
a) Oil Level							/			
b) Oil Condition							/			
c) Brake Applying Properly							/			
d) Brake Leaking							/			
e) Swing Motor Leaking							/			
f) Pinion Seal Leaking							/			
g) Pinion Preload							/			
h) Pinion Backlash							/			
i) Gearbox Covers							/			
j) Vent Condition							/			

NORTH WEST CRANE FOLDING CRANE CHECK II

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	NEW CONDITION	GOOD CONDITION	FAIR CONDITION	POOR CONDITION	FAILED CONDITION	NEEDS DISASSEMBLY	NOT APPLICABLE	Comments	Labor \$	Parts \$
PUMP VOLUME READINGS										
a) Front Section (Volume At Rated RPM _____)								Rated Volume _____ Efficiency _____ %)		
a) Middle Section (Volume At Rated RPM _____)								Rated Volume _____ Efficiency _____ %)		
a) Rear Section (Volume At Rated RPM _____)								Rated Volume _____ Efficiency _____ %)		
PUMP PRESSURE READINGS										
a) Outrigger Pressure (Pressure At Rated RPM _____)								Rated Pressure _____)		
b) Main Pressure (Pressure At Rated RPM _____)								Rated Pressure _____)		
c) Winch Pressure (Pressure At Rated RPM _____)								Rated Pressure _____)		
HYDRAULIC OIL										
a) Type of Oil (ATF/N-22/J-13)										
b) Condition of Oil										
c) Oil Level										
ELECTRICAL										
a) Basic Wiring Condition										
b) Junction Box/Relay										
c) Fuse Condition										
d) Crane Power Switch										
e) ATB Wiring Condition										
RADIO REMOTES										
a) Remote Control Box Condition										
b) Joystick/Lever Condition										
c) Receiver Condition										
d) Antenna Condition										
e) Cable Condition										
f) Battery Condition										
g) Battery Charger Condition										
h) Spare Battery Condition										
i) Function Operating Smoothly										
j) Speeds Set Correctly										
i) Function Operating Smoothly										
j) Speeds Set Correctly										
k) E-Stop Button Function Works										
l) Handles & Paddles Stroked Full Same Time										
MOUNTING GROUP										
a) Mounting Base Bolts Condition								Torque to _____ ft/lbs		
b) Side Plate Bolt Condition								Torque to _____ ft/lbs		
c) Tie Down Rod Condition								Torque to _____ ft/lbs		
d) Frame Spacer Condition										
e) Rotation Bearing Bolt Condition								Torque to _____ ft/lbs		
f) Winch Mounting Bolts								Torque to _____ ft/lbs		
g) Gearbox Mounting Bolts								Torque to _____ ft/lbs		
h) Outrigger Mounting Bolts								Torque to _____ ft/lbs		

**NORTH WEST CRANE
FOLDING CRANE CHECK II**

	NEW CONDITION	GOOD CONDITION	FAIR CONDITION	POOR CONDITION	FAILED CONDITION	NEEDS DISASSEMBLY	NOT APPLICABLE	Comments	Labor \$	Parts \$
OVERLOAD PROTECTION										
a) Overload Light Condition							/			
b) Audible Cut-Outs Working							/	YES NO		
c) Hydraulic Cut-Outs Working		/					/	YES NO		
d) Overloads Calibrated		/					/	YES NO		
e) Overload Gauge(s) Condition							/			
f) HPLS Working Correctly		/					/	YES NO		
g) Pendulum Switch							/			
h) Overload Wiring							/			
i) Overload Switches Wire Tied		/					/	YES NO		
THROTTLE										
a) Style AIR / CABLE / <u>ELECTRIC</u>		/					/			
b) Set to <u>RPM</u>		/					/			
c) Cable Condition							/			
d) Linkage Condition							/			
e) Treadle Condition							/			
f) Air Line Condition							/			
g) Slave Cylinder Condition							/			
OPERATION/SAFETY DECALS										
a) Load Charts Correct		/					/			
b) Load Charts Legible		/					/			
c) Angle Indicator Decals							/			
d) Angle Indicator Pointers							/			
e) Operation Decals		/					/			
f) Safety Decals		/					/			
g) Engineers Certification Date:		/					/			
h) Remote Control Decals		/					/			
SWING RACK/PINION (IF SO EQUIPPED)										
a) Post Teeth Condition		/					/			
b) Rub Bra Condition							/			
c) Rack Teeth Condition		/					/			
d) Tooth Backlash		/					/			
e) Rack Greased?		/					/			
f) Swing Stop Location?		/					/			

**NORTH WEST CRANE
FOLDING CRANE CHECK II**

	Comments							Labor \$	Parts \$
	NEW CONDITION	GOOD CONDITION	FAIR CONDITION	POOR CONDITION	FAILED CONDITION	NEEDS DISASSEMBLY	NOT APPLICABLE		
OTHER ITEMS									
a)									
b)									
c)									
d)									
e)									
f)									
g)									
h)									
i)									
j)									
k)									
l)									
m)									
n)									
o)									
p)									
q)									
r)									

INSPECTION COMPLETED BY



**North West
Crane**



ALL REPAIRS COMPLETED

August 13, 2016

[Signature]

Date Signature