CONSTRUCTION EQUIPMENT

LIEBHERR R934 036784 - Right Planetary

LH0070663

25 Oct 2013 477

Changed ATTENTION

Sample No: LH0070663

Oil Type: CHEVRON DELO GEAR ESI OIL 80W90

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SAMPLE INFORMATION

Sample Number	
Sample Date	
Machine Hours	
Oil Hours	
Oil Changed	
Sample Status	

OIL CONDITION

Visc @ 40°C

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	CONTAMINA	FION		
Silicon	ppm	0 14	 	
Sodium	ppm	06	 	
Potassiu	m ppm	8 🔘	 	

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WEAI	R METALS			
Iron	ppm	0 155	 	
Copper	ppm	0 25	 	
Lead	ppm	○ <1	 	
Tin	ppm	02	 	
Aluminum	ppm	02	 	
Chromium	ppm	0 4	 	
Molybdenum	ppm	○ <1	 	
Nickel	ppm	<1	 	
Titanium	ppm	0	 	
Silver	ppm	0	 	
Manganese	ppm	3	 	
Vanadium	ppm	0	 	

ADDITIVES					
Calcium	ppm	3 4			
Magnesium	ppm	0 2			
Zinc	ppm	<u> </u>			
Phosphorus	ppm	<u> </u>			
Barium	ppm	03			
Boron	ppm	02			





LIEBHERR CANADA LTD.

10374 267 ST. ACHESON, AB CA T7X 6A2 Contact: Rodney Budzak rodney.budzak@liebherr.com T: (780)962-6799 F: (780)962-6799

Diagnosis

Confirm the source of the lubricant being utilized for top-up/fill. Resample at the next service interval to monitor.All component wear rates are normal. There is no indication of any contamination in the component. Additive levels indicate the addition of a different brand, or type of oil. The condition of the oil is acceptable for the time in service.

Depot:	LIESPR
Unique No:	3827160
Signed:	Kevin Marson
Report Date:	12 Nov 2013

LEBHERR CONSTRUCTION EQUIPMENT



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Ferrous Alloys

GRAPHS

