CONSTRUCTION EQUIPMENT



Sample No: LH0070665

Oil Type: CHEVRON HYDRAULIC OIL AW ISO 46

SAMPLE INFORMATION

Sample Number	LH0070665	 	
Sample Date	25 Oct 2013	 	
Machine Hours	477	 	
Oil Hours	0	 	
Oil Changed	Not Changd	 	
Sample Status	ATTENTION	 	

OIL CONDITION

Visc @ 40°C .

cSt 0 43.4

Particles >4µm		9145				
Particles >6µm		0 1094				
Particles >14µm		52				
ISO 4406:1999 (c)		20/17/13				
Silicon	ppm	02				
Sodium	ppm	03				
Potassium	ppm	○ <1				

WEAR METALS

ppm	0 11			
ppm	3			
ppm	○ <1			
ppm	0 0			
ppm	○ <1			
ppm	○ <1			
ppm	○ <1			
ppm	0 0			
ppm	0			
ppm	0			
ppm	○ <1			
ppm	0			
	ppm ppm ppm ppm ppm ppm ppm ppm ppm ppm	ppm 3 ppm <1 ppm 0 ppm <1 ppm <1 ppm <1 ppm <1 ppm 0 ppm 0 ppm 0 ppm 0 ppm 0 ppm 0 ppm 0	ppm 3 ppm <1 ppm <1 ppm <1 ppm <1 ppm <1 ppm <1 ppm 0 ppm 0 ppm 0 ppm 0 ppm 0 ppm 0 ppm 0	ppm 3 ppm <1 ppm 0 ppm <1 ppm <1 ppm <1 ppm <1 ppm 0 ppm 0

	ITIVES			
Calcium	ppm	<u> </u>	 	
Magnesium	ppm	08	 	
Zinc	ppm	0 842	 	
Phosphorus	ppm	693	 	
Barium	ppm	○ <1	 	
Boron	ppm	<mark></mark> <1	 	





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. The fluid was specified as CHEVRON HYDRAULIC OIL AW ISO 46, however, a fluid match indicates that this fluid is SAE 75W80 Tractor TDH Fluid. Please confirm the oil type and grade on your next sample.All component wear rates are normal. The system cleanliness is acceptable for your target ISO 4406 cleanliness code. The system and fluid cleanliness is acceptable. 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: 3827082 Signed: Bill Quesnel Report Date: 11 Nov 2013

LEBHERR CONSTRUCTION EQUIPMENT



GRAPHS

