

PETRO CANADA 10W40

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LIEBHERR PR736LGP 025503-1736 - Diesel Engine

Sample No: LH0260412

Oil Type:

SAMPLE INFORMATION

Sample Number	LH0260412	 	
Sample Date	29 Aug 2023	 	
Machine Hours	466	 	
Oil Hours	0	 	
Oil Changed	Changed	 	
Sample Status	NORMAL	 	

0	OIL		
Visc @	100°C		

OIL CONDITION 100°C cSt n (PA) %

Oxidation (PA)

CONTAMINATION

Soot %	%	0 🔘				
Nitration (PA)	%	98				
Sulfation (PA)	%	106				
Glycol	%	NEG				
Fuel	%	<1.0				
Silicon	ppm	08				
Sodium	ppm	02				
Potassium	ppm	3				

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WEAR METALS

Iron	ppm	0 10	 	
Copper	ppm	245	 	
Lead	ppm	9	 	
Tin	ppm	01	 	
Aluminum	ppm	3	 	
Chromium	ppm	02	 	
Molybdenum	ppm	0 47	 	
Nickel	ppm	○ <1	 	
Titanium	ppm	0	 	
Silver	ppm	0 ()	 	
Manganese	ppm	01	 	
Vanadium	ppm	0	 	

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ADDITIVES

Calcium	ppm	0 1336	 	
Magnesium	ppm	945	 	
Zinc	ppm	886	 	
Phosphorus	ppm	0 782	 	
Barium	ppm	0 15	 	
Boron	ppm	0 72	 	

METRIC CIVIL CONTRACTORS

44075 YALE ROAD #101 CHILLIWACK, BC CA V2R 3Z9 Contact: Service Manager

T: F:

Diagnosis

Resample at the next service interval to monitor.Metal levels are typical for a new component breaking in. There is no indication of any contamination in the oil. The condition of the oil is acceptable for the time in service.

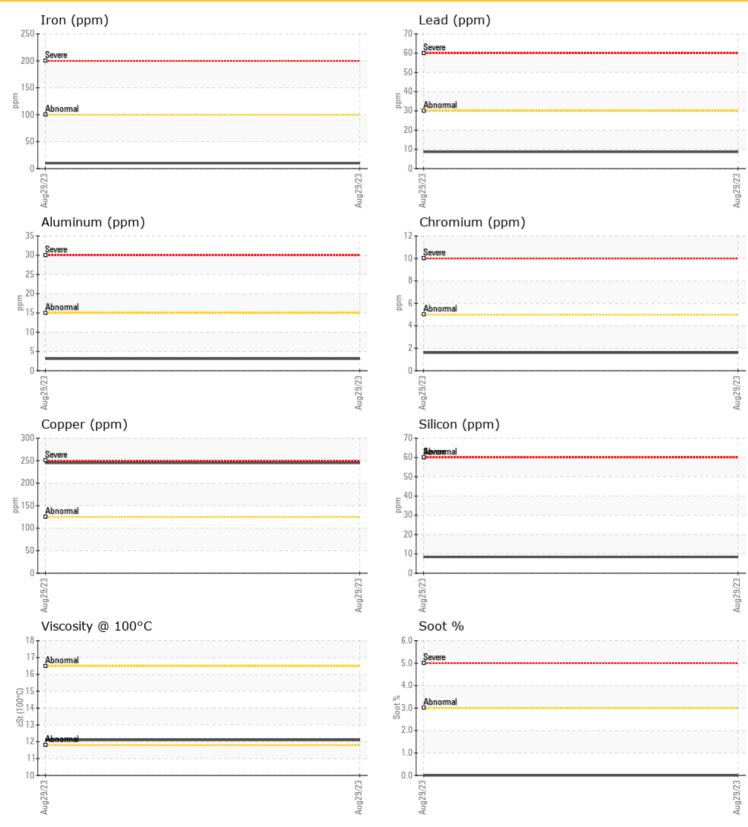
Depot: Unique No: Signed: Report Date: MET440CHI 5644830 Bill Quesnel 20 Sep 2023





GRAPHS

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