CONSTRUCTION EQUIPMENT

111164-1217 - Diesel Engine

Sample No: LH0269652

Silicon

Sodium

Potassium

ppm

ppm

ppm

PETRO CANADA SUPREME 5W30 Oil Type:



American Iron and Metal 60 SIMMONDS DRIVE DARTMOUTH, NS CA B3B 1P6

T: (902)468-9664

Contact: Pierre Paille

F: (902)468-9658

Diagnosis

Resample at the next service interval to monitor.All component wear rates are normal. There is no indication of any contamination in the oil. The condition of the oil is acceptable for the time in service.

SAMPLE INFORMATION						
Sample Number	LH0269652	LH0260356	LH0246738			
Sample Date	12 Dec 2023	13 Jun 2023	11 Jan 2023			
Machine Hours	6995	4735	0			
Oil Hours	0	0	0			
Oil Changed	Changed	Changed	Changed			
Sample Status	NORMAL	NORMAL	NORMAL			

Oil Changed		Changed	Changed	Changed		
Sample Status		NORMAL	NORMAL	NORMAL		
OIL CONDITION						
Visc @ 100°C	cSt	11.4	11.4	11.2		
Oxidation (PA)	%	84	92	89		
CONTAMINATION						
Water	%	NEG	NEG	NEG		
Soot %	%	0	0	O 0		
Nitration (PA)	%	91	97	103		
Sulfation (PA)	%	60	64	65		
Glycol	%	NEG	NEG	NEG		
Fuel	%	<1.0	<1.0	<1.0		

0 8

6

4

4

1

₩ WEA	R METALS				
Iron	ppm	5	6	5	
Copper	ppm	2	3	O 2	
Lead	ppm	0 <1	O <1	O <1	
Tin	ppm	○ <1	O <1	O <1	
Aluminum	ppm	2	O 2		
Chromium	ppm	○ <1	O <1	0	
Molybdenum	ppm	56	58	59	
Nickel	ppm	0	O <1	O <1	
Titanium	ppm	0	0	<1	
Silver	ppm	○ <1	O 0	0	
Manganese	ppm	0	O <1	O <1	
Vanadium	ppm	0	0	0	

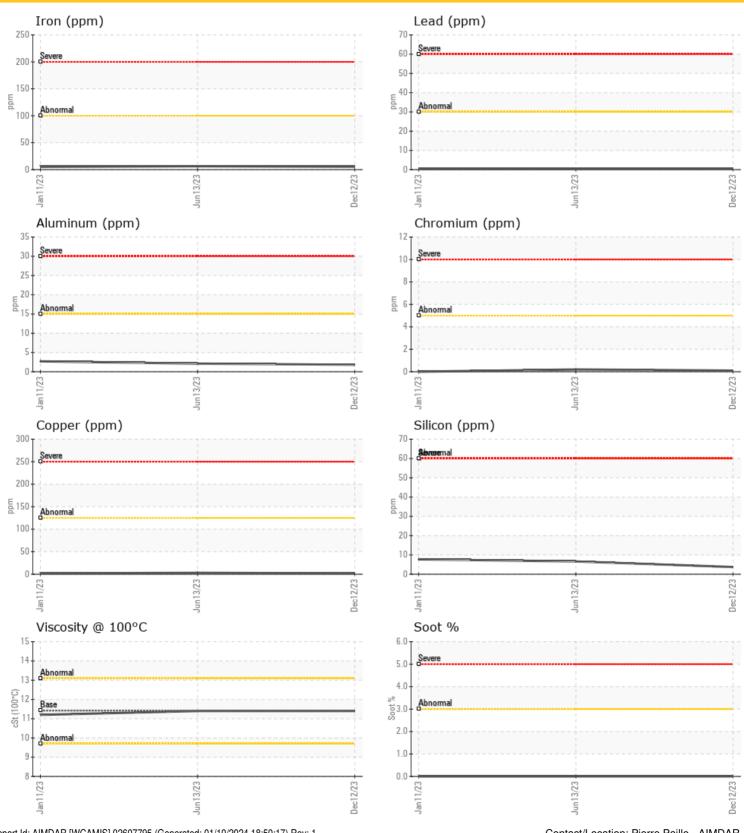
variaululli	ppiii	U	U	U	
ADDI					
ADDITIVES					
Calcium	ppm	763	○ 814	○ 853	
Magnesium	ppm	1055	O 1118	1091	
Zinc	ppm	1126	O 1178	O 1179	
Phosphorus	ppm	940	O 1044	1024	
Barium	ppm	0	0	0	
Boron	ppm	23	20	16	

Depot: AIMDAR Unique No: 5708881 Signed: Wes Davis **Report Date:** 10 Jan 2024





GRAPHS



Report Id: AIMDAR [WCAMIS] 02607795 (Generated: 01/10/2024 18:50:17) Rev: 1

Contact/Location: Pierre Paille - AIMDAR