

OIL ANALYSIS REPORT

Sample Rating Trend





Component Diesel Engine

8052

DIESEL ENGINE OIL SAE 15W40 (--- QTS)

DIAGNOSIS

Recommendation

Resample at the next service interval to monitor.

Wear

All component wear rates are normal.

Contamination

There is no indication of any contamination in the oil.

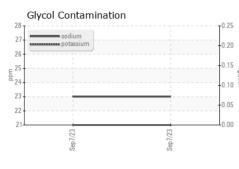
Fluid Condition

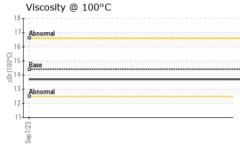
The BN result indicates that there is suitable alkalinity remaining in the oil. The condition of the oil is suitable for further service.

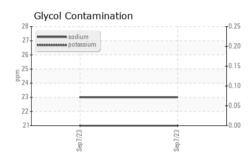
SAMPLE INFORMATION method limit/base current History1 History2 Sample Date Client Info 07 Sep 2023 Machine Age mis Client Info 07 Sep 2023 Oil Age mis Client Info 0 Oil Age mis Client Info 0 Sample Status Client Info 0 CONTAMINATION method Imit/base current History1 History2 Fuel WC Method >5 <1.0 WEAR METALS method Imit/base current History1 History2 from ppm ASTM 051555 >10.0 25 Machine Age ppm ASTM 051555 >4.0 Machine Age ppm ASTM 051555 >1.0 Alu					Sep2023		
Sample Date Client Info 07 Sep 2023 Machine Age mls Client Info 148001 Oil Age mls Client Info 0 Sample Status Client Info Not Changd CONTAMINATION method imit/base current history1 history2 Fuel WC Method >5 <1.0 WEAR METALS method imit/base current history1 history2 from ppm ASTM D585m >20 <1 Nickel ppm ASTM D585m >20 <1 Aluminum ppm ASTM D585m >40 0 Copper ppm ASTM D585m >20 3 Aduminum ppm ASTM D585m >20 3 Vanadium <td< th=""><th>SAMPLE INFORM</th><th>ATION</th><th>method</th><th>limit/base</th><th>current</th><th>history1</th><th>history2</th></td<>	SAMPLE INFORM	ATION	method	limit/base	current	history1	history2
Machine Age mls Client Info 148001 Oil Age mis Client Info 0 Oil Changed Client Info Not Changd Sample Status Imitibase current history1 history2 Fuel WC Method >5 <1.0	Sample Number		Client Info		WC0857179		
Oil Age mis Client Info 0 Oil Changed Client Info Not Changd Sample Status imit/base current history1 CONTAMINATION method imit/base current history1 history2 Fuel WC Method >5 <1.0	Sample Date		Client Info		07 Sep 2023		
Oli Changed Client Info Not Changd Sample Status method limit/base current history1 history2 Fuel WC Method >5 <1.0	Machine Age	mls	Client Info		148001		
Sample Status NORMAL CONTAMINATION method limit/base current history1 history2 Fuel WC Method >5 <1.0	Oil Age	mls	Client Info		0		
CONTAMINATION method limit/base current history1 history2 Fuel WC Method >5 <1.0	Oil Changed		Client Info		Not Changd		
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Sulfation Abs/.1mm *ASTM D7415 >30 22.3 FLUID DEGRADATION method limit/base current history1 history2 Oxidation Abs/.1mm *ASTM D7414 >25 21.0	Soot %	%	*ASTM D7844	>3	0.4		
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Oxidation Abs/.1mm *ASTM D7414 >25 21.0	Sulfation						
Oxidation Abs/.1mm *ASTM D7414 >25 21.0	FLUID DEGRADA	TION _	method	limit/base	current	historv1	historv2
	Dase Multiper (DIN)	ny NOFI/y	NO THE D2030	0.0	1.1		



OIL ANALYSIS REPORT







VISUAL		method	limit/base	current	history1	history2
White Metal	scalar	*Visual	NONE	NONE		
Yellow Metal	scalar	*Visual	NONE	NONE		
Precipitate	scalar	*Visual	NONE	NONE		
Silt	scalar	*Visual	NONE	NONE		
Debris	scalar	*Visual	NONE	NONE		
Sand/Dirt	scalar	*Visual	NONE	NONE		
Appearance	scalar	*Visual	NORML	NORML		
Odor	scalar	*Visual	NORML	NORML		
Emulsified Water	scalar	*Visual	>0.2	NEG		
Free Water	scalar	*Visual		NEG		
FLUID PROPER	TIES	method	limit/base	current	history1	history2
Visc @ 100°C	cSt	ASTM D445	14.4	13.7		
GRAPHS						
Ferrous Alloys						
5 iron			-			
chromium						
nickel						
5-						
0						
5-						
0						
			//23			
Sep 7/23			Sep7/23			
Non-ferrous Meta	ls					
¹⁰ T						
8 - copper						
° T						
6 -						
4						
2						
			23			
Sep7/23			Sep 7/23			
	_		~ -			
Viscosity @ 100°C	,			Base Number		
			14.0	Abnormal		
			12.0	† 9		
16			H0.0	Base		
5- Base			je 8.0	G		
4			e 6.0	Abnormal		
3 Abnormal			0.0 (0) 8.0 (mg 6.0 Mumber Mumber 888 Base Number Mumber Mum Mumber Mumber Mumb			
2-			2.0			
11			0.0			
				Sep 7/23		c P C
Sep 7/23			Sep 7/23	Sep		r
: WearCheck USA -				3		RTY DISPOSA
	Receive		Sep 2023			EASTERN AV
	Diagnos		Oct 2023		OKLAH	IOMA CITY, O
: 10670616	Diagnost	tician : Dor	n Baldridge			US 7314



 Unique Number
 : 10670616
 Diagnostician
 : Don Baldridge

 Certificate 12367
 Test Package
 : FLEET (Additional Tests: Glycol)

 To discuss this sample report, contact Customer Service at 1-800-237-1369.

 * - Denotes test methods that are outside of the ISO 17025 scope of accreditation.

 Statements of conformity to specifications are based on the simple acceptance decision rule (JCGM 106:2012)

Contact/Location: Loran Cottle - SEAOKL

F: x:

Contact: Loran Cottle

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Laboratory Sample No. Lab Number