

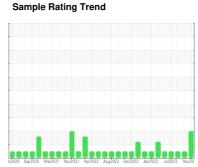
OIL ANALYSIS REPORT



RIG 5 CATERPILLAR 3512 R5-G-02 NKL

Diesel Engine

NOT GIVEN (--- GAL)





DIAGNOSIS

Recommendation

No corrective action is recommended at this time. Resample at the next service interval to monitor.

All component wear rates are normal.

Contamination

There is a moderate amount of particulates present in the oil.

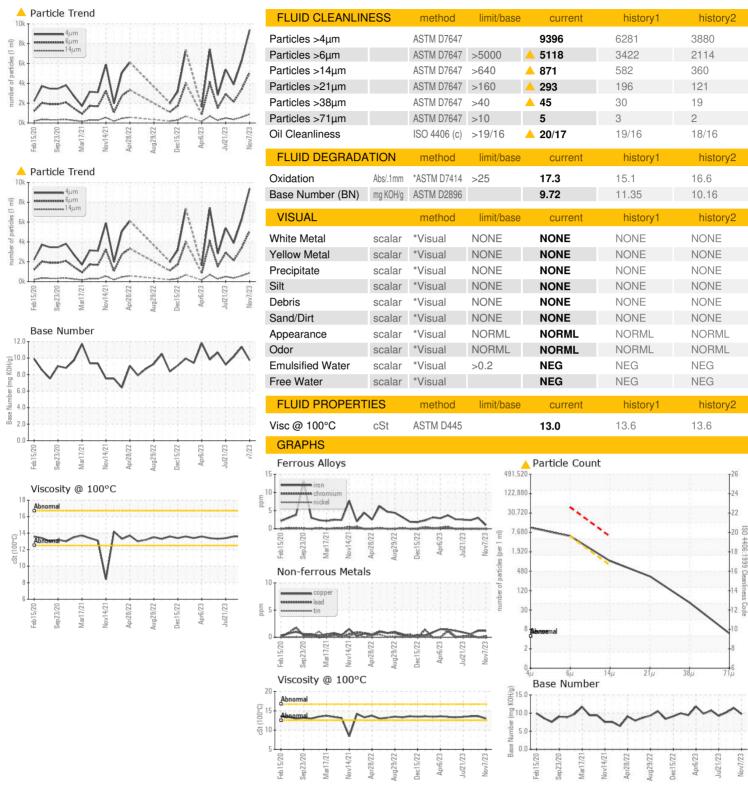
Fluid Condition

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			b2020 Sep202	0 Mar2021 Nov2021 Apr20	022 Aug2022 Dec2022 Apr2023 Ji	ul2023 Nov20.	
Sample Date	SAMPLE INFORM	MATION	method	limit/base	current	history1	history2
Machine Age days Client Info 45233 55196 45161 Oil Age days Client Info 0 0 0 Oil Changed Client Info N/A N/A N/A N/A Sample Status Image: Contract of Mark Interval In	Sample Number		Client Info		KL0013091	KL0012991	KL0012484
Oil Age days Client Info N/A N/A N/A N/A Oil Changed Client Info N/A N/A N/A N/A Sample Status Model Imitibase current history1 history2 Fuel WC Method >5 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <th>Sample Date</th> <th></th> <th>Client Info</th> <th></th> <th>07 Nov 2023</th> <th>29 Sep 2023</th> <th>25 Aug 2023</th>	Sample Date		Client Info		07 Nov 2023	29 Sep 2023	25 Aug 2023
Oil Changed Sample Status Client Info N/A N/A N/A N/A N/A N/A N/A NAMAL NORMAL NORMA	Machine Age	days	Client Info		45233	55196	45161
Sample Status	Oil Age	days	Client Info		0	0	0
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	Sulfation						



OIL ANALYSIS REPORT







Certificate L2367

Laboratory Sample No. Lab Number **Unique Number**

: WearCheck USA - 501 Madison Ave., Cary, NC 27513 : KL0013091 : 06010278 : 10749422

Received Diagnosed Diagnostician

: 16 Nov 2023 : 22 Nov 2023 : Don Baldridge

Test Package : MOB 2 (Additional Tests: PrtCount) 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.

CITADEL DRILLING

7550 W I20 ODESSA, TX US 79763

Contact: MIKE COMBDEN mcombden@citadeldrilling.com

T: (780)955-5509 F:

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