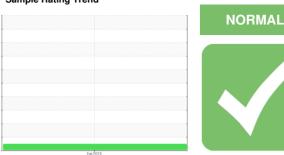


OIL ANALYSIS REPORT

Sample Rating Trend



Machine Id

DOOSAN DX225LL 5114

Diesel Engine

DIESEL ENGINE OIL SAE 40 (--- GAL)

Recommendation

Resample at the next service interval to monitor.

All component wear rates are normal.

Contamination

There is no indication of any contamination in the

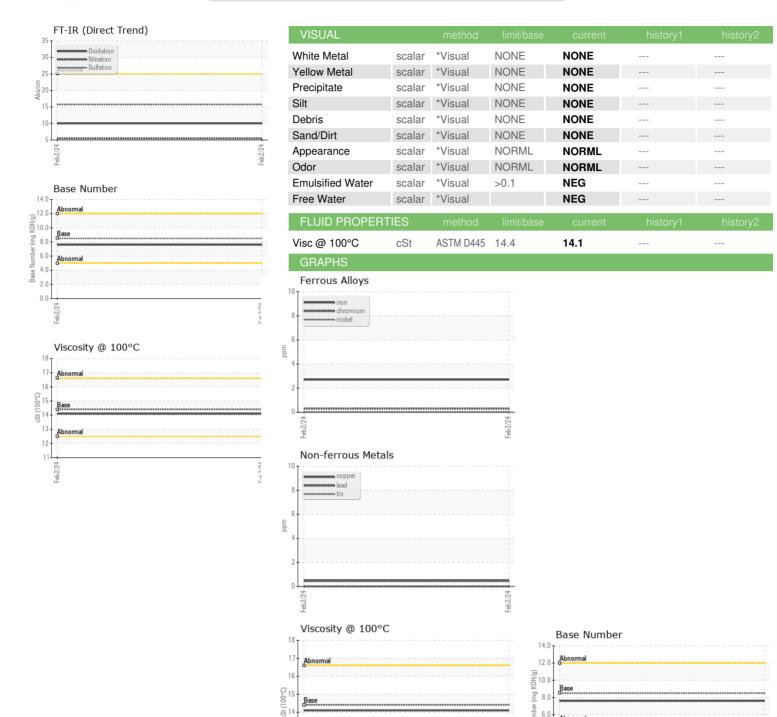
Fluid Condition

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

Sample Number Client Info PE0002455	story2
Sample Number Client Info PE0002455 Sample Date Client Info 02 Feb 2024 Sample Date Client Info 02 Feb 2024 Sample Date Client Info 26034	
Sample Date	
Machine Age hrs Client Info 26034 Oil Age hrs Client Info 300 Oil Changed Client Info N/A Sample Status NORMAL Client Info N/A CONTAMINATION method limit/base current history1 his Water WC Method >3.0 <1.0 Water WC Method >0.1 NEG Glycol WC Method >0.1 NEG WEAR METALS method limit/base current history1 his Iron ppm ASTM D5185m >50 3 WEAR METALS method limit/base current history1 his Iron ppm ASTM D5185m >20 <1	
Oil Age hrs Client Info 300 Oil Changed Client Info N/A Sample Status NORMAL CONTAMINATION method limit/base current history1 his Fuel WC Method >3.0 <1.0 Water WC Method NEG Glycol WC Method NEG WEAR METALS method limit/base current history1 his Iron ppm ASTM D5185m >50 3 WEAR METALS method limit/base current history1 his Iron ppm ASTM D5185m >50 3 WEAR METALS method limit/base current history1 his Iron ppm ASTM D5185m >20 <1	
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CONTAMINANTS method limit/base current history1 his	
	story2
Sodium ppm ASTM D5185m >216 1 Patassium ACTM D5185m 20 2	
Potassium ppm ASTM D5185m >20 2	
	story2
Soot %	
Nitration Abs/cm *ASTM D7624 >20 5.5	
Sulfation Abs/.1mm *ASTM D7415 >30 15.7	
FLUID DEGRADATION method limit/base current history1 his	story2
Oxidation	
Base Number (BN) mg KOH/g ASTM D2896 8.5 7.6	



OIL ANALYSIS REPORT







Certificate 12367

Laboratory Sample No.

: PE0002455 Lab Number : 06138274 Unique Number : 10963082

: WearCheck USA - 501 Madison Ave., Cary, NC 27513 Received

: 04 Apr 2024 **Tested** Diagnosed

: 04 Apr 2024 : 06 Apr 2024 - Don Baldridge

Test Package : CONST (Additional Tests: FT-IR, ICP, KV100, SCREEN, TBN)

6.0 Base 2.0 0.0

> **ALTA FOREST PRODUCTS** 7127 US HWY 101 AMANDA PARK, WA US 98526 Contact: ROGER TJEPKEMA

> Rogertjepkema@altafp.com T:

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

Report Id: ALTAMA [WUSCAR] 06138274 (Generated: 04/06/2024 11:16:10) Rev: 1

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