

OIL ANALYSIS REPORT

Sample Rating Trend

NORMAL

Machine Id

DOOSAN DA30 219 CORE (S/N DDA30C30740608)

Component

Diesel Engine

DOOSAN ENGINE POWER SAE 15W40 (--- GAL)

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.

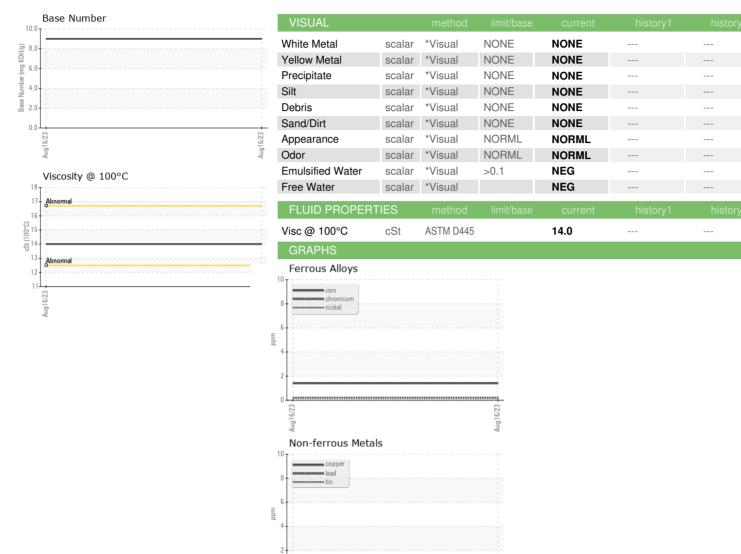
Fluid Condition

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

GAL)						
GAL)				Aug2023		
SAMPLE INFOR	MATION	method	limit/base	current	history1	history2
Sample Number		Client Info		KFS0002950		
Sample Date		Client Info		16 Aug 2023		
Machine Age	hrs	Client Info		0		
Oil Age	hrs	Client Info		0		
Oil Changed		Client Info		N/A		
Sample Status				NORMAL		
CONTAMINATIO	N	method	limit/base	current	history1	history2
-uel		WC Method	>3.0	<1.0		
Glycol		WC Method		NEG		
WEAR METALS		method	limit/base	current	history1	history2
ron	ppm	ASTM D5185m	>50	1		
Chromium	ppm	ASTM D5185m	>20	<1		
Nickel	ppm	ASTM D5185m	>5	<1		
Titanium	ppm	ASTM D5185m		0		
Silver	ppm	ASTM D5185m	>3	0		
Aluminum	ppm	ASTM D5185m	>20	3		
_ead	ppm	ASTM D5185m	>40	0		
Copper	ppm	ASTM D5185m	>30	<1		
Γin	ppm	ASTM D5185m	>15	<1		
Vanadium	ppm	ASTM D5185m		0		
Cadmium	ppm	ASTM D5185m		0		
ADDITIVES		method	limit/base	current	history1	history2
Boron	ppm	ASTM D5185m		4		
Barium	ppm	ASTM D5185m		0		
Molybdenum	ppm	ASTM D5185m		56		
Manganese	ppm	ASTM D5185m		1		
Magnesium	ppm	ASTM D5185m		454		
Calcium	ppm	ASTM D5185m		1878		
Phosphorus	ppm	ASTM D5185m		1136		
Zinc	ppm	ASTM D5185m		1375		
Sulfur	ppm	ASTM D5185m		4499		
CONTAMINANT	S	method	limit/base	current	history1	history2
Silicon	ppm	ASTM D5185m	>15	4		
Sodium	ppm	ASTM D5185m		<1		
Potassium	ppm	ASTM D5185m	>20	1		
INFRA-RED		method	limit/base	current	history1	history2
Soot %	%	*ASTM D7844	>3	0.1		
Nitration	Abs/cm	*ASTM D7624	>20	4.3		
Sulfation	Abs/.1mm	*ASTM D7415	>30	17.5		
FLUID DEGRAD	ATION	method	limit/base	current	history1	history2
Oxidation	Abs/.1mm	*ASTM D7414	>25	12.8		
Base Number (BN)	mg KOH/g	ASTM D2896		9.0		



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Certificate L2367

Laboratory Sample No. Lab Number Unique Number

Test Package : FLEET

cSt (10

: WearCheck USA - 501 Madison Ave., Cary, NC 27513 : KFS0002950 Received : 25 Aug 2023 : 25 Aug 2023 : 05934727 Diagnosed : 10619998

: Wes Davis Diagnostician

GRAMMER DN 149 INDUSTRIAL BLVD LAVERGNE, TN US 37066 Contact: R. SEXTON

To discuss this sample report, contact Customer Service at 1-800-237-1369. rsexton@bobcatofnashville.com * - Denotes test methods that are outside of the ISO 17025 scope of accreditation.

Viscosity @ 100°C

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

Base Number

8.0 (B/T.0 (B/HO) 6.0 £ 5.0

후 4.0 2.0 1.0 0.0

> F: Contact/Location: R. SEXTON - GRALAV

T: (270)564-5327