

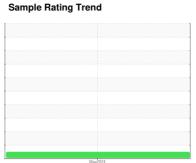
# **OIL ANALYSIS REPORT**



Machine Id CATERPILLAR D6 LGP 10043 (S/N KEW01175)

Right Final Drive

{not provided} (--- GA





### Recommendation

Resample at the next service interval to monitor. Please specify the brand, type, and viscosity of the oil on your next sample.

All component wear rates are normal.

### Contamination

There is no indication of any contamination in the

### **Fluid Condition**

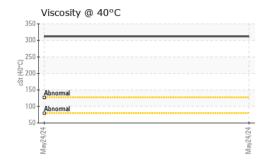
The condition of the oil is acceptable for the time in service.

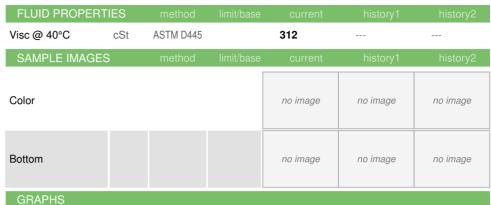
L)		ı.		May2024		
SAMPLE INFOR	MATION	method	limit/base	current	history1	history2
Sample Number		Client Info		WC0888163		
Sample Date		Client Info		24 May 2024		
Machine Age	hrs	Client Info		601		
Oil Age	hrs	Client Info		601		
Oil Changed	1110	Client Info		Changed		
Sample Status		Oliciit iiilo		NORMAL		
CONTAMINATIC	N	method	limit/base	current	history1	history2
Water		WC Method		NEG		
WEAR METALS		method	limit/base	current	history1	history2
Iron	ppm	ASTM D5185m	>800	37		
Chromium		ASTM D5185m	>10	<1		
Nickel	ppm	ASTM D5185m	>5	0		
	ppm					
Titanium	ppm	ASTM D5185m	>15	0		
Silver	ppm	ASTM D5185m	>2	0		
Aluminum	ppm	ASTM D5185m	>75	<1		
Lead	ppm	ASTM D5185m	>10	0		
Copper	ppm	ASTM D5185m	>75	2		
Tin	ppm	ASTM D5185m	>8	0		
Vanadium	ppm	ASTM D5185m		0		
Cadmium	ppm	ASTM D5185m		0		
ADDITIVES		method	limit/base	current	history1	history2
Boron	ppm	ASTM D5185m		122		
Barium	ppm	ASTM D5185m		0		
Molybdenum	ppm	ASTM D5185m		0		
Manganese	ppm	ASTM D5185m		2		
Magnesium	ppm	ASTM D5185m		3		
Calcium	ppm	ASTM D5185m		424		
Phosphorus	ppm	ASTM D5185m		367		
Zinc	ppm	ASTM D5185m		51		
Sulfur	ppm	ASTM D5185m		14175		
CONTAMINANT	S	method	limit/base	current	history1	history2
Silicon	ppm	ASTM D5185m	>400	4		
Sodium	ppm	ASTM D5185m		6		
Potassium	ppm	ASTM D5185m	>20	2		
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	, J.L	NEG		
0.00.40) D4	Journ			044"	- C MILZE MANZ	ATT TOANS

Contact/Location: MIKE WYATT - TRANEW

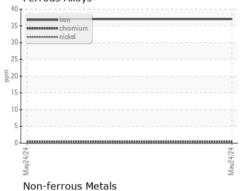


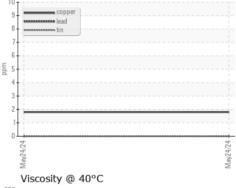
## **OIL ANALYSIS REPORT**





## Ferrous Alloys





350 300 250 cSt (40°C) 150 100





Certificate 12367

Laboratory Sample No.

Lab Number : 06197120 Unique Number : 11059243

Test Package : CONST

: WC0888163

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

Received : 31 May 2024 : 03 Jun 2024

Diagnosed : 04 Jun 2024 - Don Baldridge

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

NEW BERN, NC US 28563 Contact: MIKE WYATT

mwyatt@traderconstruction.com T: (252)633-1399

TRADER CONSTRUCTION CO.

PO DRAWER 1578

F: (252)638-4871

\* - 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)