

OIL ANALYSIS REPORT

Sample Rating Trend



NORMAL



Machine Id **CATERPILLAR D6 LGP 10043 (S/N KEW01175)** Component **Transmission (Manual)** Fluid

TDTO FLUID SAE 30 (--- GAL)

Recommendation

Resample at the next service interval to monitor. The fluid was not specified, however, a fluid match indicates that this fluid is (GENERIC) TDTO FLUID SAE 30. Please confirm.

Wear

All component wear rates are normal.

Contamination

There is no indication of any contamination in the fluid.

Fluid Condition

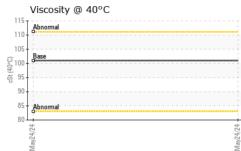
The condition of the fluid is acceptable for the time in service.

SAMPLE INFORM	IATION	method	limit/base	current	history1	history2
Sample Number		Client Info		WC0888164		
Sample Date		Client Info		24 May 2024		
Machine Age	hrs	Client Info		601		
Oil Age	hrs	Client Info		601		
Oil Changed		Client Info		Not Changd		
Sample Status				NORMAL		
CONTAMINATION	J	method	limit/base	current	history1	history2
Water		WC Method	>0.1	NEG		
WEAR METALS		method	limit/base	current	history1	history2
Iron	ppm	ASTM D5185m	>200	10		
Chromium	ppm	ASTM D5185m	>5	<1		
Nickel	ppm	ASTM D5185m	>5	0		
Titanium	ppm	ASTM D5185m		<1		
Silver	ppm	ASTM D5185m	>7	<1		
Aluminum	ppm	ASTM D5185m	>25	2		
Lead	ppm	ASTM D5185m	>45	2		
Copper	ppm	ASTM D5185m	>225	5		
Tin	ppm	ASTM D5185m	>10	<1		
Vanadium	ppm	ASTM D5185m		<1		
Cadmium	ppm	ASTM D5185m		<1		
ADDITIVES		method	limit/base	current	history1	history2
Boron	ppm	ASTM D5185m	37	2		
Barium	ppm	ASTM D5185m	7	2		
Molybdenum	ppm	ASTM D5185m	5	<1		
Manganese	ppm	ASTM D5185m		<1		
Magnesium	ppm	ASTM D5185m	40	13		
Calcium	ppm	ASTM D5185m	2650	3104		
Phosphorus	ppm	ASTM D5185m	1050	1056		
Zinc	ppm	ASTM D5185m	1075	1246		
Sulfur	ppm	ASTM D5185m	5750	7100		
CONTAMINANTS		method	limit/base	current	history1	history2
Silicon	ppm	ASTM D5185m	>125	13		
Sodium	ppm	ASTM D5185m		4		
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	>0.1	NEG		
Free Water	scalar	*Visual		NEG		

Contact/Location: MIKE WYATT - TRANEW



OIL ANALYSIS REPORT



	FLUID PROPERT	IES met	thod limit/ba	ase current	history1	history2
	Visc @ 40°C	cSt ASTN	1D445 101	101		
	SAMPLE IMAGES	mei	thod limit/ba	ase current	history1	history2
	Color			no image	no image	no image
May24/24	Bottom			no image	no image	no image
	GRAPHS				. ' 	1
	Ferrous Alloys		Ma/24/24			
	90 85 Abnormal 60 47 77 72 16 16 17 16 16 16 16 16 16 16 16 16 16		May24/24			
aboratory Sample No. ab Number Inique Number est Package		Madison Ave Received Tested Diagnosed	., Cary, NC 275 : 31 May 202 : 03 Jun 202 : 03 Jun 2024	24 4	١	TRUCTION CO. DRAWER 1578 IEW BERN, NC US 28563 I: MIKE WYATT

 Certificate L2367
 Test Package
 : CONST

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

 * - 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)

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Contact/Location: MIKE WYATT - TRANEW