

OIL ANALYSIS REPORT

Sample Rating Trend



Machine Id

Dutchess County Beekman A050739885

Diesel Fuel

No.2 DIESEL FUEL (ULTRALOW SULPHUR

Recommendation

No corrective action is recommended at this time.

All metal levels are normal indicating no corrosion in the system.

Contaminants

There is no indication of any contamination in the fuel.

Fuel Condition

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

Client Info WC0921687 WC0799886 WC065143 Sample Date Client Info 20 May 2024 02 May 2023 25 Apr) (GAL)		Ap	2022	May2023 May2	024	
Client Info	SAMPLE INFORM	MATION	method	limit/base	current	history1	history2
Machine Age hrs Client Info NoRMAL ABNORMAL ABNORMAL	Sample Number		Client Info		WC0921687	WC0799886	WC0651435
NORMAL ABNORMAL NORMAL NORMAL NORMAL	Sample Date		Client Info		20 May 2024	02 May 2023	25 Apr 2022
WEAR METALS	Machine Age	hrs	Client Info		0	0	0
Description	Sample Status				NORMAL	ABNORMAL	NORMAL
Description	WEAR METALS		method	limit/base	current	history1	history2
Nickel	Iron	ppm	ASTM D5185m	>2	<1	0	0
Fitanium	Chromium	ppm	ASTM D5185m	>2	0	0	0
Silver	Nickel	ppm	ASTM D5185m	>2	0	0	0
Aluminum ppm ASTM D5185m >2 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	Titanium	ppm	ASTM D5185m	>2	<1	0	0
December December	Silver	ppm	ASTM D5185m	>2	<1	0	<1
Description	Aluminum	ppm	ASTM D5185m	>2	0	0	0
Filin	Lead	ppm	ASTM D5185m	>2	0	0	0
Vanadium ppm ASTM D5185m <1 0 0 Cadmium ppm ASTM D5185m 0 0 0 ADDITIVES method limit/base current history1 history2 Boron ppm ASTM D5185m 2 0 0 <1 Barium ppm ASTM D5185m 2 <1 0 0 Wollybdenum ppm ASTM D5185m 2 0 0 0 Wanganese ppm ASTM D5185m 2 <1 <1 0 Magnesium ppm ASTM D5185m 2 2 <1 2 0 Calcium ppm ASTM D5185m 2 2 2 0 0 Pohosphorus ppm ASTM D5185m 2 2 2 2 0 0 Cilitur ppm ASTM D5185m 2 2 2 2 8 Zinc ppm ASTM D5185m 1<	Copper	ppm	ASTM D5185m	>2	<1	0	<1
Cadmium ppm ASTM D5185m 0 0 0 ADDITIVES method limit/base current history1 history2 Boron ppm ASTM D5185m 2 0 0 <1	Tin	ppm	ASTM D5185m	>2	0	0	0
ADDITIVES	Vanadium	ppm	ASTM D5185m		<1	0	0
Soron ppm ASTM D5185m 2 0 0 0 0 0 0	Cadmium	ppm	ASTM D5185m		0	0	0
Sarium	ADDITIVES		method	limit/base	current	history1	history2
Molybdenum ppm ASTM D5185m 2 0 0 0 Manganese ppm ASTM D5185m <1	Boron	ppm	ASTM D5185m	2	0	0	<1
Manganese ppm ASTM D5185m <1 <1 0 Magnesium ppm ASTM D5185m 2 <1	Barium	ppm	ASTM D5185m	2	<1	0	0
Magnesium ppm ASTM D5185m 2 <1 2 0 Calcium ppm ASTM D5185m 2 2 0 0 Phosphorus ppm ASTM D5185m 2 2 2 2 8 Zinc ppm ASTM D5185m 2 0 0 0 0 Sulfur ppm ASTM D5185m 10 32 0 6 6 CONTAMINANTS method limit/base current history1 history2 Gilicon ppm ASTM D5185m >10 <1	Molybdenum	ppm	ASTM D5185m	2	0	0	0
Calcium ppm ASTM D5185m 2 2 0 0 Phosphorus ppm ASTM D5185m 2 2 2 8 Zinc ppm ASTM D5185m 2 0 0 0 Sulfur ppm ASTM D5185m 10 32 0 6 CONTAMINANTS method limit/base current history1 history2 Silicon ppm ASTM D5185m >10 <1	Manganese	ppm	ASTM D5185m		<1	<1	0
Phosphorus ppm ASTM D5185m 2 2 2 8 Zinc ppm ASTM D5185m 2 0 0 0 Sulfur ppm ASTM D5185m 10 32 0 6 CONTAMINANTS method limit/base current history1 history2 Silicon ppm ASTM D5185m >1 0 0 Godium ppm ASTM D5185m >5 1 0 0 Potassium ppm ASTM D5185m >5 1 0 0 VISUAL method limit/base current history1 history2 White Metal scalar *Visual NONE NONE NONE NON	Magnesium	ppm	ASTM D5185m	2	<1	2	0
Contaminate	Calcium	ppm	ASTM D5185m	2	2	0	0
Gulfur ppm ASTM D5185m 10 32 0 6 CONTAMINANTS method limit/base current history1 history2 Gilicon ppm ASTM D5185m >10 <1 0 0 Godium ppm ASTM D5185m >5 1 0 0 Potassium ppm ASTM D5185m >5 1 0 0 VISUAL method limit/base current history1 history2 White Metal scalar *Visual NONE NONE NONE NONE Wellow Metal scalar *Visual NONE	Phosphorus	ppm	ASTM D5185m	2	2	2	8
CONTAMINANTS method limit/base current history1 history2 Silicon ppm ASTM D5185m >10 <1 0 0 Sodium ppm ASTM D5185m >5 1 0 0 Potassium ppm ASTM D5185m >20 0 0 0 VISUAL method limit/base current history1 history2 White Metal scalar *Visual NONE NONE NONE NONE NONE Yellow Metal scalar *Visual NONE NONE NONE NONE NONE Precipitate scalar *Visual NONE NONE NONE NONE NONE Silt scalar *Visual NONE NONE NONE NONE NONE Debris scalar *Visual NONE NONE NONE NONE Appearance scalar *Visual NORML NORML NORML NORML Dodor scalar *Visual NORML NORML NORML NORML Emulsified Water scalar *Visual NORML NORML NORML Emulsified Water scalar *Visual NORML NORML NORML NORML	Zinc	ppm	ASTM D5185m	2	0	0	0
Solition	Sulfur	ppm	ASTM D5185m	10	32	0	6
Sodium	CONTAMINANTS		method	limit/base	current	history1	history2
Potassium ppm ASTM D5185m >20 0 0 0 0 VISUAL method limit/base current history1 history2 White Metal scalar *Visual NONE NONE NONE NONE NONE Precipitate scalar *Visual NONE NONE NONE NONE NONE Silt scalar *Visual NONE NONE NONE NONE NONE Debris scalar *Visual NONE NONE NONE NONE NONE Sand/Dirt scalar *Visual NONE NONE NONE NONE Appearance scalar *Visual NONE NONE NONE NONE Appearance scalar *Visual NORML NORML NORML NORML Ddor scalar *Visual NORML NORML NORML NORML Emulsified Water scalar *Visual >0.05 NEG NEG NEG	Silicon	ppm	ASTM D5185m	>10	<1	0	0
VISUAL method limit/base current history1 history2 White Metal scalar *Visual NONE NONE NONE NONE Yellow Metal scalar *Visual NONE NONE NONE NONE Precipitate scalar *Visual NONE NONE NONE NONE Silt scalar *Visual NONE NONE NONE NONE Debris scalar *Visual NONE NONE NONE NONE Sand/Dirt scalar *Visual NONE NONE NONE NONE Appearance scalar *Visual NORML NORML NORML NORML Odor scalar *Visual NORML NORML NORML NORML Emulsified Water scalar *Visual >0.05 NEG NEG NEG	Sodium	ppm	ASTM D5185m	>5	1	0	0
White Metal scalar *Visual NONE NONE NONE NONE Yellow Metal scalar *Visual NONE NONE NONE NONE Precipitate scalar *Visual NONE NONE NONE NONE Silt scalar *Visual NONE NONE NONE NONE Debris scalar *Visual NONE NONE NONE NONE Sand/Dirt scalar *Visual NONE NONE NONE NONE Appearance scalar *Visual NORML NORML NORML NORML Dedor scalar *Visual NORML NORML NORML NORML Emulsified Water scalar *Visual >0.05 NEG NEG NEG	Potassium	ppm	ASTM D5185m	>20	0	0	0
Yellow Metal scalar *Visual NONE NONE NONE NONE Precipitate scalar *Visual NONE NONE NONE NONE NONE Silt scalar *Visual NONE NONE NONE NONE NONE Debris scalar *Visual NONE NONE NONE NONE NONE Sand/Dirt scalar *Visual NONE NONE NONE NONE NONE Appearance scalar *Visual NORML NEG NEG NEG	VISUAL		method	limit/base	current	history1	history2
Precipitate scalar *Visual NONE NONE NONE NONE NONE Silt scalar *Visual NONE NONE NONE NONE Debris scalar *Visual NONE NONE MODER NONE Sand/Dirt scalar *Visual NONE NONE NONE NONE Appearance scalar *Visual NORML NORML NORML NORML NORML Ddor scalar *Visual NORML NORML NORML NORML NORML Emulsified Water scalar *Visual >0.05 NEG NEG NEG	White Metal	scalar	*Visual	NONE	NONE	NONE	NONE
Silt scalar *Visual NONE NONE NONE NONE NONE Debris scalar *Visual NONE NONE MODER NONE Sand/Dirt scalar *Visual NONE NONE NONE NONE Appearance scalar *Visual NORML NORML NORML NORML NORML Ddor scalar *Visual NORML NORML NORML NORML Emulsified Water scalar *Visual >0.05 NEG NEG NEG	Yellow Metal	scalar	*Visual	NONE	NONE	NONE	NONE
Debris scalar *Visual NONE NONE MODER NONE Sand/Dirt scalar *Visual NONE NONE NONE NONE NONE Appearance scalar *Visual NORML NEG NEG NEG NEG	Precipitate	scalar	*Visual	NONE	NONE	NONE	NONE
Sand/Dirtscalar*VisualNONENONENONENONEAppearancescalar*VisualNORMLNORMLNORMLNORMLNORMLOdorscalar*VisualNORMLNORMLNORMLNORMLNORMLEmulsified Waterscalar*Visual>0.05NEGNEGNEG	Silt	scalar	*Visual	NONE	NONE	NONE	NONE
Appearancescalar*VisualNORMLNORMLNORMLNORMLNORMLDdorscalar*VisualNORMLNORMLNORMLNORMLEmulsified Waterscalar*Visual>0.05NEGNEGNEG	Debris	scalar	*Visual	NONE	NONE	▲ MODER	NONE
Odor scalar *Visual NORML NORML NORML NORML NORML Emulsified Water scalar *Visual >0.05 NEG NEG NEG	Sand/Dirt	scalar	*Visual	NONE	NONE	NONE	NONE
Emulsified Water scalar *Visual >0.05 NEG NEG NEG	Appearance	scalar	*Visual	NORML	NORML	NORML	NORML
	Odor	scalar	*Visual	NORML	NORML	NORML	NORML
Free Water scalar *Visual NEG NEG NEG	Emulsified Water	scalar	*Visual	>0.05	NEG	NEG	NEG
	Free Water	scalar	*Visual		NEG	NEG	NEG



OIL ANALYSIS REPORT

SAMPLE IMAGES	method	limit/base	current	history1	history2
Color					
Bottom					



Certificate 12367

Laboratory: WearCheck USA - 501 Madison Ave., Cary, NC 27513 **Sample No.** : WC0921687 **Lab Number** : 06185675 Unique Number : 11037001

Test Package : MOB 1

Received : 20 May 2024 Tested : 23 May 2024

Diagnosed

: 23 May 2024 - Jonathan Hester To discuss this sample report, contact Customer Service at 1-800-237-1369.

US 12553 Contact: JOE SAYEGH joe@gentechltd.com T: (845)568-0500 F: (845)568-3073

* - 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)

Contact/Location: JOE SAYEGH - GENNEW

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