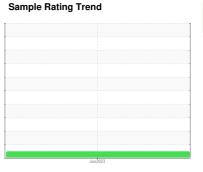


OIL ANALYSIS REPORT



NORMAL



FENDT fendt 516

Component

Front Final Drive

ESSO 80W90 (1 LTR)

agi		

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

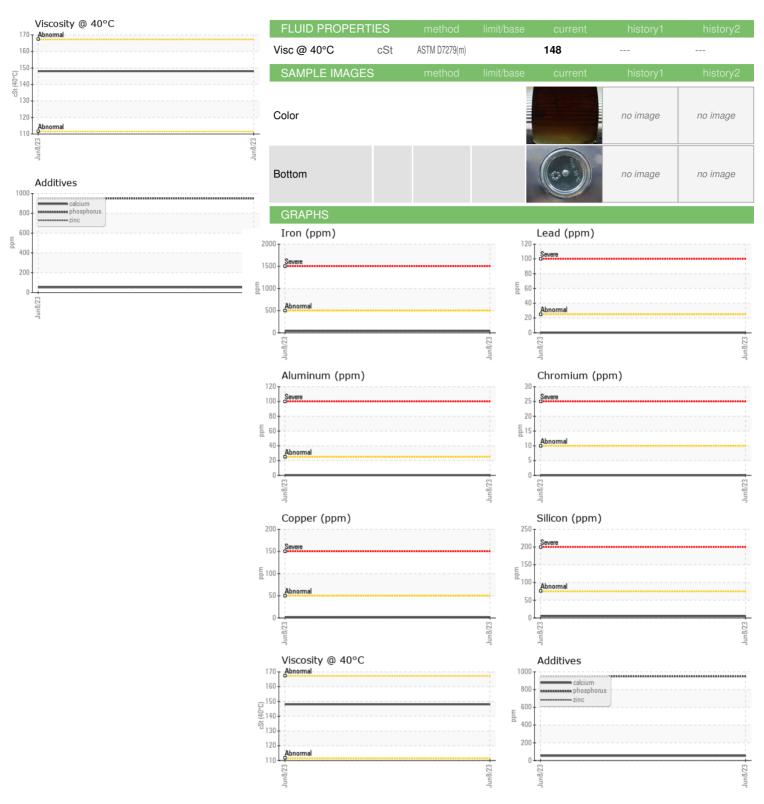
Fluid Condition

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

Sample Number Client Info WC0777359							
Sample Number Client Info WC0777359					Jun 2023		
Sample Date Client Info 08 Jun 2023 Machine Age hrs Client Info 0 Oil Age hrs Client Info 0 Oil Changed Client Info N/A Sample Status NORMAL WEAR METALS method limit/base current history1 history2 Iron ppm ASTM D5185(m) >500 40 Chromium ppm ASTM D5185(m) >10 0 Nickel ppm ASTM D5185(m) >10 0 Nickel ppm ASTM D5185(m) >10 0 Nickel ppm ASTM D5185(m) >10 0 Silver ppm ASTM D5185(m) >25 1 Lead ppm ASTM D5185(m) >25 0 Lead ppm ASTM D5185(m) >25 0 Lead ppm ASTM D5185(m) >50 2 Lead ppm ASTM D5185(m) >50 2 Lead ppm ASTM D5185(m) >50 2 Antimony ppm ASTM D5185(m) >0 Vanadium ppm ASTM D5185(m) 0 Cadmium ppm ASTM D5185(m) 0 Cadmium ppm ASTM D5185(m) 0 ADDITIVES method limit/base current history1 history2 Boron ppm ASTM D5185(m) 55 Magnesium ppm ASTM D5185(m) 55 VISUAL method limit/base current history1 history2 Visual' NONE NONE Visual' NONE NONE Visual' NONE NONE Appearance scalar Visual' NONE NONE Appearance scalar Visual' NONE NONE Appearance scalar Visual' NONE NORE Free Water scalar Visual' NORML NORML Free Water scalar Visual' NORML NORM NORM Visual' Nore Nore Nore Free Water scal	SAMPLE INFORM	MATION	method	limit/base	current	history1	history2
Machine Age	Sample Number		Client Info		WC0777359		
Oil Age hrs Client Info N/A Oil Changed Client Info N/A Sample Status method limit/base current history1 history2 WEAR METALS method limit/base current history1 history2 Iron ppm ASTM D5188/ml >500 40 Chromium ppm ASTM D5188/ml >10 0 Nickel ppm ASTM D5188/ml 0 Aluminum ppm ASTM D5188/ml >25 -1 Aluminum ppm ASTM D5188/ml >50 2 Copper ppm ASTM D5188/ml >0 Vanadium ppm ASTM D5188/ml 0 Beryllium ppm ASTM D5188/ml 0 Bari	•		Client Info		08 Jun 2023		
Oil Age hrs Client Info N/A Oil Changed Client Info N/A Sample Status method limit/base current history1 history2 WEAR METALS method limit/base current history1 history2 Iron ppm ASTM D5188/ml >500 40 Chromium ppm ASTM D5188/ml >10 0 Nickel ppm ASTM D5188/ml 0 Aluminum ppm ASTM D5188/ml >25 -1 Aluminum ppm ASTM D5188/ml >50 2 Copper ppm ASTM D5188/ml >0 Vanadium ppm ASTM D5188/ml 0 Beryllium ppm ASTM D5188/ml 0 Bari	Machine Age	hrs	Client Info		0		
Oil Changed Cilient Info N/A NORMAL NO		hrs	Client Info		0		
NORMAL STATUS S	-		Client Info		N/A		
Iron					NORMAL		
Chromium	WEAR METALS		method	limit/base	current	history1	history2
Chromium	Iron	ppm	ASTM D5185(m)	>500	40		
Nickel	Chromium	ppm	ASTM D5185(m)	>10	0		
Titanium	Nickel	ppm	ASTM D5185(m)		<1		
Silver	Titanium		ASTM D5185(m)		<1		
Lead	Silver	ppm	ASTM D5185(m)		0		
Lead	Aluminum	ppm	ASTM D5185(m)	>25	<1		
Copper	Lead		\ /	>25	0		
Tin	Copper		ASTM D5185(m)	>50	2		
Antimony	Tin		ASTM D5185(m)	>10	<1		
Beryllium	Antimony	ppm	ASTM D5185(m)		0		
Beryllium	Vanadium		ASTM D5185(m)		0		
Cadmium ppm ASTM D5185(m) 0 ADDITIVES method limit/base current history1 history2 Boron ppm ASTM D5185(m) 97 Molybdenum ppm ASTM D5185(m) 0 Manganese ppm ASTM D5185(m) <1	Beryllium		ASTM D5185(m)		0		
Boron	•		,		0		
Barium	ADDITIVES		method	limit/base	current	history1	history2
Molybdenum ppm ASTM D5185(m) 0 Manganese ppm ASTM D5185(m) <1 Magnesium ppm ASTM D5185(m) 55 Calcium ppm ASTM D5185(m) 950 Phosphorus ppm ASTM D5185(m) 48 Zinc ppm ASTM D5185(m) 48 Sulfur ppm ASTM D5185(m) 19299 Sulfur ppm ASTM D5185(m) <1 CONTAMINANTS method limit/base current history1 history2 Silicon ppm ASTM D5185(m) >75 5 Sodium ppm ASTM D5185(m) >20 <1 VISUAL method limit/base current history1 history2 White Metal scalar	Boron	ppm	ASTM D5185(m)		97		
Manganese ppm ASTM D5185(m) <1 Magnesium ppm ASTM D5185(m) <1	Barium	ppm	ASTM D5185(m)		1		
Magnesium ppm ASTM D5185(m) <1	Molybdenum	ppm	ASTM D5185(m)		0		
Calcium ppm ASTM D5185(m) 55 Phosphorus ppm ASTM D5185(m) 950 Zinc ppm ASTM D5185(m) 48 Sulfur ppm ASTM D5185(m) 19299 Lithium ppm ASTM D5185(m) <1	Manganese	ppm	ASTM D5185(m)		<1		
Phosphorus ppm ASTM D5185(m) 950 Zinc ppm ASTM D5185(m) 48 Sulfur ppm ASTM D5185(m) 19299 Lithium ppm ASTM D5185(m) <1	Magnesium	ppm	ASTM D5185(m)		<1		
Zinc	Calcium	ppm	ASTM D5185(m)		55		
Sulfur ppm ASTM D5185(m) 19299 Lithium ppm ASTM D5185(m) <1 CONTAMINANTS method limit/base current history1 history2 Silicon ppm ASTM D5185(m) >75 5 Sodium ppm ASTM D5185(m) >20 <1 Potassium ppm ASTM D5185(m) >20 <1 VISUAL method limit/base current history1 history2 White Metal scalar Visual* NONE NONE Yellow Metal scalar Visual* NONE NONE Yellow Metal scalar Visual* NONE NONE Precipitate scalar Visual* NONE NONE Silt scalar Visual* NONE	Phosphorus	ppm	ASTM D5185(m)		950		
Lithium	Zinc	ppm	ASTM D5185(m)		48		
CONTAMINANTS method limit/base current history1 history2 Silicon ppm ASTM D5185(m) >75 5 Sodium ppm ASTM D5185(m) >20 <1	Sulfur	ppm	ASTM D5185(m)		19299		
Silicon ppm ASTM D5185(m) >75 5 Sodium ppm ASTM D5185(m) <1	Lithium	ppm	ASTM D5185(m)		<1		
Sodium	CONTAMINANTS	5	method	limit/base	current	history1	history2
Sodium	Silicon	ppm	ASTM D5185(m)	>75	5		
Potassium ppm ASTM D5185(m) >20 <1 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* NORML NORML Appearance scalar Visual* NORML NORML Odor scalar Visual* >0.2 NEG Free Water scalar Visual* NORML NEG			. ,				
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* NORML NORML Appearance scalar Visual* NORML NORML Odor scalar Visual* >0.2 NEG Free Water scalar Visual* NEG	Potassium	ppm	ASTM D5185(m)	>20	<1		
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* NEG Free Water scalar Visual* NEG	VISUAL		method	limit/base	current	history1	history2
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* NEG	White Metal	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* NEG	Yellow Metal	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* NEG	Precipitate	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* NEG	Silt	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* NEG	Debris	scalar	Visual*	NONE	NONE		
Odor scalar Visual* NORML NORML Emulsified Water scalar Visual* >0.2 NEG Free Water scalar Visual* NEG	Sand/Dirt	scalar	Visual*		NONE		
Emulsified Water scalar Visual* >0.2 NEG Free Water scalar Visual* NEG	Appearance	scalar	Visual*	NORML	NORML		
Free Water scalar Visual* NEG	Odor	scalar	Visual*	NORML	NORML		
	Emulsified Water	scalar	Visual*	>0.2	NEG		
		scalar	Visual*				



OIL ANALYSIS REPORT





CALA ISO 17025:2017 Accredited Laboratory

Report Id: CONINN [WCAMIS] 02563576 (Generated: 08/03/2023 13:37:48) Rev: 1

Laboratory Sample No. Lab Number **Unique Number**

: WC0777359 : 02563576

: 5592617 Test Package : MOB 1

: WearCheck - C8-1175 Appleby Line, Burlington, ON L7L 5H9 Received : 12 Jun 2023 Diagnosed : 12 Jun 2023

: Wes Davis Diagnostician

INNERKIP, ON CA N0J 1M0

Contact: Josh Cunningham josh.cunningham@connectequipment.com

CONNECT EQUIPMENT

715649 OXFORD ROAD 4

T: 514693883 F:

To discuss this sample report, contact Customer Service at 1-800-268-2131. Test denoted (*) outside scope of accreditation, (m) method modified, (e) tested at external lab.