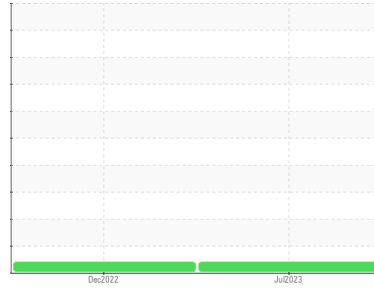




PROBLEM SUMMARY

Area
Store 8 - Pikeville [140780]
 Machine Id
KLEEMANN MC100Ri K011.0035
 Component
Pump Drive
 Fluid
WIRTGEN GROUP 75W90 (1 GAL)

Sample Rating Trend

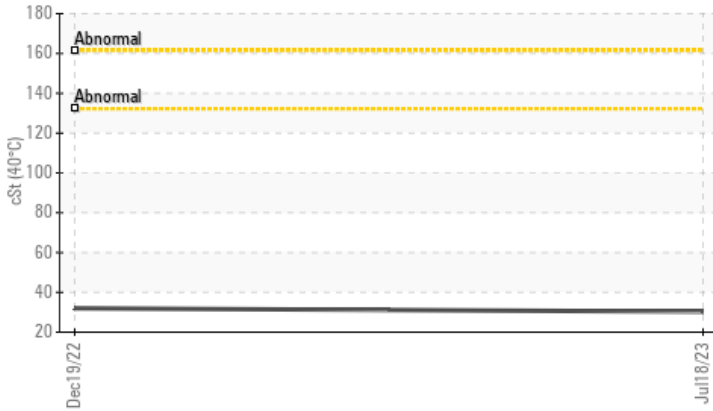


VISCOSITY



COMPONENT CONDITION SUMMARY

▲ Viscosity @ 40°C



RECOMMENDATION

The oil change at the time of sampling has been noted. Resample at the next service interval to monitor.

PROBLEMATIC TEST RESULTS

Sample Status			ATTENTION	ATTENTION	---
Visc @ 40°C	cSt	ASTM D445	▲ 30.3	▲ 32.0	---

Customer Id: LESMAROH
 Sample No.: LEC0042256
 Lab Number: 05904594
 Test Package: CONST



To manage this report scan the QR code

To discuss the diagnosis or test data:
 Don Baldrige +1
don.b505@comcast.net

To change component or sample information:
 Customer Service +1 1-800-237-1369
customerservice@wearcheck.com

RECOMMENDED ACTIONS

There are no recommended actions for this sample.

HISTORICAL DIAGNOSIS

19 Dec 2022 Diag: Don Baldrige

VISCOSITY



The oil change at the time of sampling has been noted. Resample at the next service interval to monitor. All component wear rates are normal. There is no indication of any contamination in the oil. The oil viscosity is lower than normal. Confirm oil type.

view report



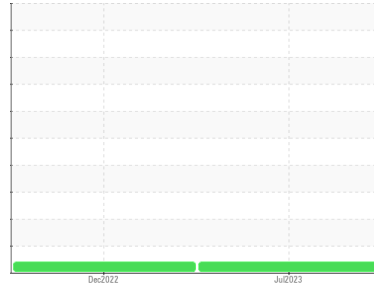


OIL ANALYSIS REPORT

Sample Rating Trend

VISCOSITY

Area
Store 8 - Pikeville [140780]
 Machine Id
KLEEMANN MC100Ri K011.0035
 Component
Pump Drive
 Fluid
WIRTGEN GROUP 75W90 (1 GAL)



DIAGNOSIS

Recommendation

The oil change at the time of sampling has been noted. 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 oil viscosity is lower than normal. Confirm oil type.

SAMPLE INFORMATION

method	limit/base	current	history1	history2
Sample Number	Client Info	LEC0042256	LEC0037796	---
Sample Date	Client Info	18 Jul 2023	19 Dec 2022	---
Machine Age	hrs	Client Info	1401	756
Oil Age	hrs	Client Info	645	756
Oil Changed	Client Info	Changed	Changed	---
Sample Status		ATTENTION	ATTENTION	---

WEAR METALS

method	limit/base	current	history1	history2
PQ	ASTM D8184	15	7	---
Iron	ppm	ASTM D5185m >500	7	9
Chromium	ppm	ASTM D5185m >15	0	0
Nickel	ppm	ASTM D5185m >10	0	0
Titanium	ppm	ASTM D5185m	0	0
Silver	ppm	ASTM D5185m	0	0
Aluminum	ppm	ASTM D5185m >20	4	5
Lead	ppm	ASTM D5185m	<1	<1
Copper	ppm	ASTM D5185m >35	2	5
Tin	ppm	ASTM D5185m >4	0	0
Vanadium	ppm	ASTM D5185m	0	0
Cadmium	ppm	ASTM D5185m	0	0

ADDITIVES

method	limit/base	current	history1	history2
Boron	ppm	ASTM D5185m	0	1
Barium	ppm	ASTM D5185m	2	0
Molybdenum	ppm	ASTM D5185m	0	0
Manganese	ppm	ASTM D5185m	<1	<1
Magnesium	ppm	ASTM D5185m	7	3
Calcium	ppm	ASTM D5185m	40	63
Phosphorus	ppm	ASTM D5185m	284	296
Zinc	ppm	ASTM D5185m	344	377
Sulfur	ppm	ASTM D5185m	1435	1762

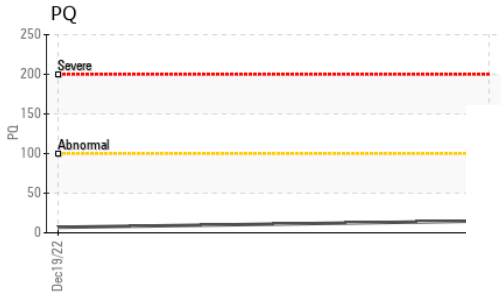
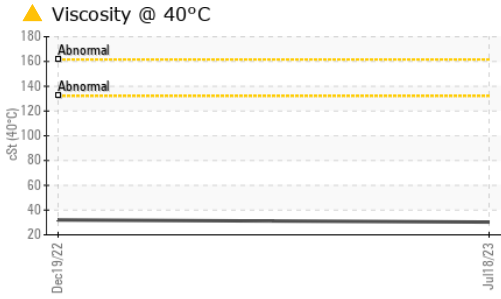
CONTAMINANTS

method	limit/base	current	history1	history2
Silicon	ppm	ASTM D5185m >75	3	4
Sodium	ppm	ASTM D5185m	0	<1
Potassium	ppm	ASTM D5185m >20	<1	0

VISUAL

method	limit/base	current	history1	history2
White Metal	scalar	*Visual NONE	NONE	NONE
Yellow Metal	scalar	*Visual NONE	NONE	NONE
Precipitate	scalar	*Visual NONE	NONE	NONE
Silt	scalar	*Visual NONE	NONE	NONE
Debris	scalar	*Visual NONE	NONE	NONE
Sand/Dirt	scalar	*Visual NONE	NONE	NONE
Appearance	scalar	*Visual NORML	NORML	NORML
Odor	scalar	*Visual NORML	NORML	NORML
Emulsified Water	scalar	*Visual >0.2	NEG	NEG
Free Water	scalar	*Visual	NEG	NEG

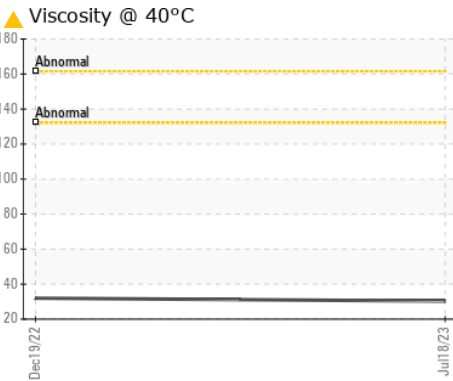
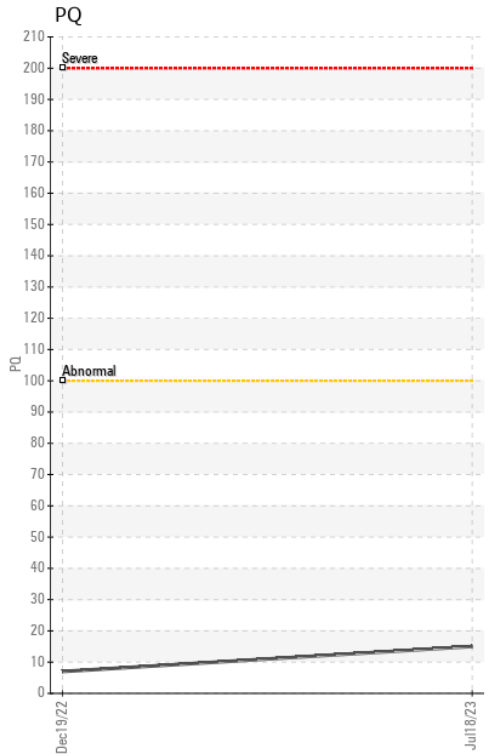
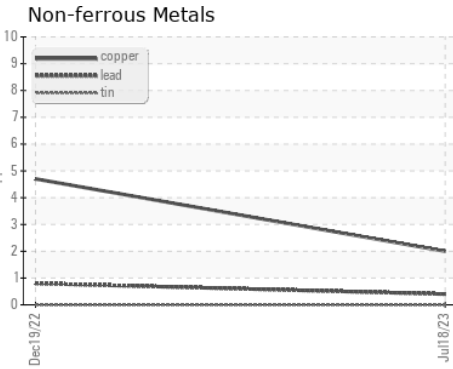
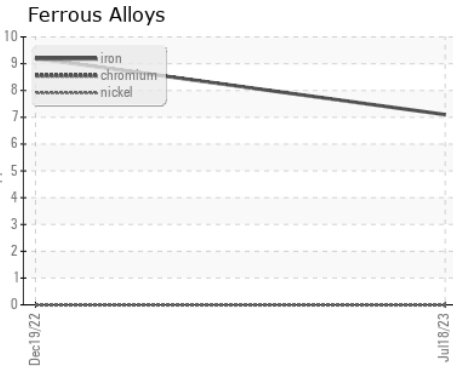
OIL ANALYSIS REPORT



FLUID PROPERTIES	method	limit/base	current	history1	history2
Visc @ 40°C	cSt	ASTM D445	▲ 30.3	▲ 32.0	---

SAMPLE IMAGES	method	limit/base	current	history1	history2
Color				no image	no image
Bottom				no image	no image

GRAPHS



Certificate L2367

Laboratory : WearCheck USA - 501 Madison Ave., Cary, NC 27513
Sample No. : LEC0042256 **Received** : 21 Jul 2023
Lab Number : 05904594 **Diagnosed** : 25 Jul 2023
Unique Number : 10565950 **Diagnostician** : Don Baldrige
Test Package : CONST (Additional Tests: PQ)

LESLIE EQUIPMENT COMPANY
 105 TENNIS CENTER DR.
 MARIETTA, OH
 US 45750-9765
 Contact: LEANNE KENDALL
 KendalLeanne@lec1.com
 T:
 F: (740)373-5570

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

* - 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)