



LubeWatch®

UIN 08DF52F

Gasoline Engine

Unit No. C-237

Unit:
Make
Model
Serial No.
Site

Compartment:
Name Gasoline Engine

Make
Model
Serial No.
Capacity:

Customer:
KLB CONSTRUCTION(LAKESIDE IND)
P O Box 158
Lynnwood WA 98087
USA

DIAGNOSIS

All wear rates normal. Abrasive and other contaminant levels are acceptable. Viscosity within specified operating range. Action: As oil and filter(s) already changed, resample next recommended service interval to further monitor.

ANALYST: stefy.rodriguez


Normal


Severe


Abnormal


Caution


Normal

DATE SAMPLED	01-Oct-24	24-Jul-24	22-Mar-24	19-Jan-24	01-Nov-23	19-Jul-23
DATE RECEIVED	09-Jan-25	15-Aug-24	12-Apr-24	01-Feb-24	14-Nov-23	22-Aug-23
DATE REPORTED	13-Jan-25	19-Aug-24	15-Apr-24	05-Feb-24	17-Nov-23	23-Aug-23
LAB NO.	40111642735	40111597962	40111559564	40111537314	40111515560	40111486784
SIF NO.	704161414	704161333	702706940	702578102	700406674	702102113
TIME ON UNIT	mi	83206	78504	66924	61509	54491
TIME ON OIL	mi			5000		
OIL BRAND	Chevron	Chevron	Chevron	Chevron	Chevron	Chevron
OIL TYPE	Unidentified	Unidentified	Unidentified	Unidentified	Unidentified	Unidentified
OIL GRADE	SAE 15W40	SAE 15W40	SAE 15W40	SAE 15W40	SAE 15W40	SAE 15W40
OIL ADDED						
FILTER						
OIL CHANGED	Changed	Changed	Changed	Changed		Changed
WO NUMBER						
Metals (ppm)						
Iron (Fe)	7	10	8	11	15	14
Chromium (Cr)	<1	<1	<1	<1	<1	<1
Lead (Pb)	<1	<1	2	<1	2	<1
Copper (Cu)	<1	<1	<1	<1	2	<1
Tin (Sn)	<1	<1	<1	<1	<1	<1
Aluminium (Al)	<1	3	<1	3	1	3
Nickel (Ni)	1	<1	<1	<1	<1	<1
Silver (Ag)	<1	<1	<1	<1	<1	<1
Titanium (Ti)	<1	<1	<1	<1	<1	<1
Vanadium (V)	<1	<1	<1	<1	<1	<1
Contaminants (ppm)						
Silicon (Si)	7	7	8	10	9	9
Sodium (Na)	<1	3	1	4	8	5
Potassium (K)	2	3	3	2	6	<1
Additives (ppm)						
Magnesium (Mg)	221	565	905	883	852	848
Calcium (Ca)	2398	1873	1575	1597	1514	1575
Barium (Ba)	<1	<1	<1	<1	<1	<1
Phosphorus (P)	1003	877	817	818	756	762
Zinc (Zn)	1162	1024	1012	957	931	960
Molybdenum (Mo)	4	13	14	11	3	5
Boron (B)	11	24	47	36	33	45
Contaminants						
Water (%)	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05
Coolant	No	No	No	No	No	No
Physical Tests						
PQ Index	<10	<10	10	<10	<10	<10
Viscosity (cSt 100C)	13.5	13.6	13.3	13.0	14.0	13.8
Physical / Chemical						
Base Number (mgKOH/g)	2.0	2.5	7.3	3.5	2.6	2.9
Oxidation (Abs/0.1mm)	19	23	19	21	27	25
E2412/D7414						
Nitration (Abs/0.1mm) E2412	12	13	12	13	14	13
						

(800) LUBE-808