

Crab Fishing Boat Oil Analysis

Written by Dan

Thursday, 22 September 2011 21:20 - Last Updated Thursday, 22 September 2011 21:26



This Boat is

MOBIL Castrol LABOCEK		CONTAMINATION	NORMAL
MOBILE OIL ANALYSIS REPORT		WEAR	NORMAL
		OIL CONDITION	NORMAL
BOAT CAT - Diesel Engine			
Unit Make : (n/a)	Serial No. : (n/a)	Date Rec'd : Apr 15, 2011	
Unit Model : (n/a)	Cont. Ref. No. : (n/a)	Sample Date : Apr 9, 2011	
Comp. Make : CATERPILLAR	Shub. No. : AP-69964	Diagnostician : Kevin Marston	
Comp. Model : 3408 50HP			
RECOMMENDATION			
Resample at the next service interval to monitor.			
CONTAMINATION			
There is no indication of any contamination in the component.			
0.2 Soot Count after 320 hours			
WEAR			
All component wear rates are normal.			
Metal count's are way below normal after 320 hours			
OIL CONDITION			
The condition of the oil is acceptable for the time in service.			
All Green lights on oil condition			

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and this one

MOB Castrol LABORECK		CONTAMINATION	NORMAL
MOBILE OIL ANALYSIS REPORT		WEAR	NORMAL
		OIL CONDITION	NORMAL
BOAT KUBOTA - Diesel Engine			
Unit Make : (n/a)	Serial No : (n/a)	Date Rec'd : Apr 15, 2011	
Unit Model : (n/a)	Serial No : (n/a)	Sample Date : Apr 9, 2011	
Comp Make : KUBOTA	Cont. Ref No : (n/a)	Diagnostician : Kevin Marson	
Comp Model : SCTL2H2P	Shub No : AFA49955		
RECOMMENDATION			
Resample at the next service interval to monitor.			
CONTAMINATION			
There is no indication of any contamination in the component.			
100% Soot Prevention after 328 hours			
WEAR			
All component wear rates are normal.			
Metal count's are way below normal after 328 hours			
OIL CONDITION			
The condition of the oil is acceptable for the time in service.			
All Green lights on oil condition			

Sample Date	Current	UOM
Time on Unit	2400	hrs
Time on Oil	328	hrs
Time on Ftr	0	hrs
Oil Mgmt	n/a	---
Filter Mgmt	n/a	---

Sample Date	Current	Abn
Silicon	37	15
Phosphorus	12	10
Sodium	11	50
Frust (%)	<2.0	4
Sput	---	0.05
Water (%)	<0.1	0.1
Soot (%)	0	1
Sulfation	60	100
Nitration	31	100

Sample Date	Current	Abn
Iron	103	1
Nickel	0.5	1
Chromium	0.1	20
Titanium	0.0	1
Copper	0.3	310
Aluminum	1.1	20
Tin	0.0	15
Lead	0.0	40
Silver	0.0	1

Sample Date	Current	Base
Barium	1.6	---
Bismuth	0.0	---
Calcium	2.00	---
Magnesium	0.3	---
Antimony	1.1	---
Selenium	0.1	---
Phosphorus	290	---
Sulfur	1221	---
Zinc	1107	---
Visc@150°C	---	---
Visc@100°C	11.6	---
VI	---	---
Oxidation	0.0	---

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