

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	Cont. No. : AP-69964	Diagnostician : Kevin Marston	
Comp. Model : 3408 300HP			
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

MOBIL 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 : SCTL2HSD	Shub No : AFA49955		
RECOMMENDATION			
Resample at the next service interval to monitor.			
	Sample Date	Current	UOUM
	Time on Unit	2400	hrs
	Time on Oil	328	hrs
	Time on Ftr	0	hrs
	Oil Mgmt	n/a	
	Filter Mgmt	n/a	
CONTAMINATION			
There is no indication of any contamination in the component.			
	Sample Date	Current	Abn
	Silicon	37	15
	Phosphorus	12	10
	Sodium	11	50
	Fract (%)	<2.0	4
	Spect	—	0.05
	Water (%)	<0.1	0.1
	Soot (%)	0	1
	Sulfation	60	100
	Nitration	31	100
WEAR			
All component wear rates are normal.			
	Sample Date	Current	Abn
	Iron	103	100
	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
OIL CONDITION			
The condition of the oil is acceptable for the time in service.			
	Sample Date	Current	Base
	Boem	1.6	
	Bham	0.5	
	Calcium	2.00	
	Magnesium	0.3	
	AntyAcidum	1.1	
	Sodium	0.1	
	Phosphorus	290	
	Sulfur	122	
	Zinc	1247	
	Visc@10°C	—	
	Visc@150°C	11.6	
	VI	—	
	Oxidation	88	

100% Soot Prevention after 328 hours

Metal count's are way below normal after 328 hours

All Green lights on oil condition

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