



OILLAB

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INSERVICE OIL MONITORING PROGRAM

Company	M/s Top Oil Field	Unit Type	Marine Gear	☒ URGENT ☐ CAUTION ☐ NORMAL
Address	P.O.Box 42093	Application	Gear	
Vessel Name	Hamriyah Free Zone-2 SHJ	Description	Job # A 9266	
Fax		Lubricant Make		
Phone	06 5134777	Make /Model		
Attn.		Oil in use		
		Oil Grade		
		Serial No		

Sample No.OL	88468
Date Sampled	N/P
Date Received	6/8/2013
Date Reported	6/8/2013
Hours on Unit	N/P
Hours on Oil	N/P
Oil Added	N/P

Test	Unit	Test Method	Result	Result	Result	Result	Result
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Physical Properties

Appearance	Visual						
Viscosity @40 °C	mm2/s	D 445					302.2
Viscosity @100 °C	mm2/s	D 445					
Viscosity Index		D 2270					

Chemical Properties

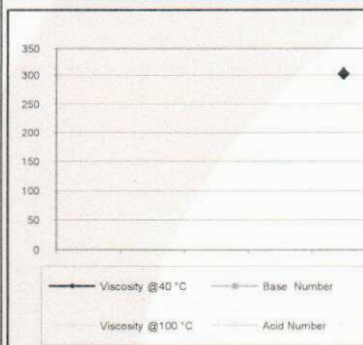
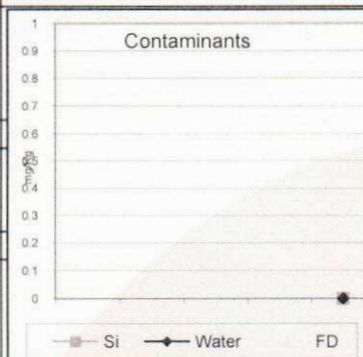
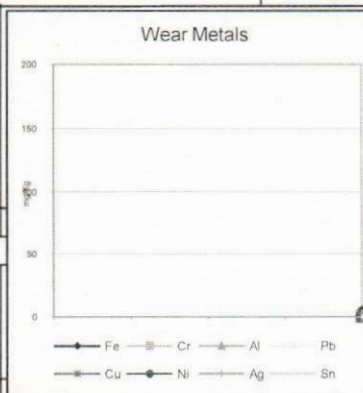
Base Number	mgKOH/g	D 2896					
Acid Number	mg/KOH/g	D 974					
Flash Point	°C	D 3828					>200
Fuel Dilution	% Vol	FTIR					

Contaminants

Water	% Vol	D 95					0
Insol. Pentane	% m	D 893					
Silicon	mg/kg	D 6595					<5

Wear Metals

Iron	mg/kg	D 6595					4
Chromium	mg/kg	D 6595					0
Lead	mg/kg	D 6595					0
Copper	mg/kg	D 6595					0
Tin	mg/kg	D 6595					0
Aluminium	mg/kg	D 6595					0
Nickel	mg/kg	D 6595					0
Silver	mg/kg	D 6595					0
Boron	mg/kg	D 6595					0
Sodium	mg/kg	D 6595					
Calcium	mg/kg	D 6595					24
Phosphorous	mg/kg	D 6595					43
Zinc	mg/kg	D 6595					11
Molybdenum	mg/kg	D 6595					0
Titanium	mg/kg	D 6595					0
Vanadium	mg/kg	D 6595					0



Comments

Brand & Grade of oil is required for the analysis of results.

J. Sanal Kumar
Laboratory Manager