



Effective 1 October 2011, all samples must be submitted in Signum Oil Analysis bottles with barcoded labels. Samples submitted without barcoded labels cannot be analysed.

Introduction

The Signum Oil Analysis programme is designed to analyse the condition of the lubricating oil in your vessel's machinery. It will also enable you to monitor the condition of your machinery through the trend of contaminants and wear metals in your oil samples. This will ensure that you can take corrective action where necessary to maintain the reliable operation of your machinery.

Six Steps to Correct Sampling and Shipping:

Step 1

Ensure that the equipment you wish to sample is registered with Signum and that you can print a barcoded label for the equipment's sample point. Information on how to register new equipment or to request that your vessel's Signum label file be e-mailed to your vessel can be found on the back of this document.

Step 2

Ensure that you take a representative sample by flushing the sample point to remove water and stagnant contaminated oil that has not been circulating.

Step 3

Draw a representative sample from the equipment's sample valve and fill the bottle.

Do not overfill the sample bottle.

Tighten the sample bottle cap to avoid leaks.



Step 4

Print the barcoded label from your vessel's Signum label file. If you do not have a label file and wish to have it e-mailed to your vessel, please follow the instructions on the back of this document.

SIGNUM OIL ANALYSIS		ME 3166122	30315760	11
Account: 170896	ABC Shipping	Total Equip. Hrs: 30000		
Vessel Number: 3255547	Ocean Anna	Hrs Since Last Overhaul: 10000		
Equipment Number: 002	Aux Engine #1	Oil Service Hrs: 10000		
Lubricant: MOBILGARD M440		Oil Volume: 3500 LITRES		
ME 3166122 30315760		Oil Used / 24 Hrs: 150 LITRES		
		Date Sampled: 20/07/2011		
		Date Landed: 20/07/2011		
		Port Landed: Singapore		
		Compatibility Test: <input type="checkbox"/> Please check if applicable		
Special Data Test Info				
		Fd Rate / Engine/day:	Amb.Temp(C):	
		KW at Sampling:	Rel Humid(%):	
		Fuel Sulphur, Wt%:		

Important: Please complete the oil hours, equipment hours and sample dates on the barcoded sample label.

Step 5

Wrap the barcoded label around the sample bottle and place the sample bottle in the mailing container.



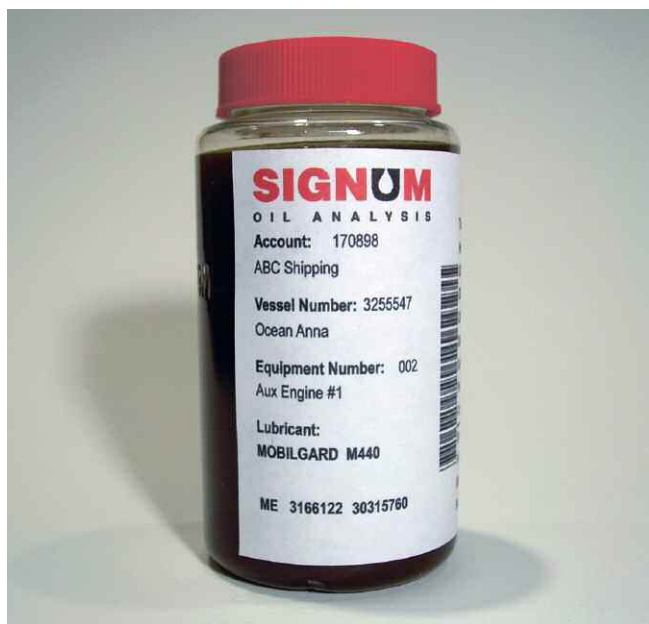
Step 6

Wrap the mailing address label around the mailing container and send it to the laboratory immediately, via courier or mail.



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Using correct sample bottles with barcoded labels helps ensure correct and timely analysis, and expert interpretation of results.



SIGNUM		ME 3166122	30315760	11
OIL ANALYSIS				
Account: 170898		Total Equip. Hrs:	30000	
ABC Shipping		Hrs Since Last Overhaul:	10000	
Vessel Number: 3255547		Oil Service Hrs:	10000	
Ocean Anna		Oil Volume:	3500	LITRES
Equipment Number: 002		Oil Used / 24 Hrs:	150	LITRES
Aux Engine #1		Date Sampled:	20/07/2011	
Lubricant:		Date Landed:	20/07/2011	
MOBILGARD M440		Port Landed:	Singapore	
ME 3166122 30315760		Compatibility Test:	<input type="checkbox"/> (Please check if applicable)	
		Special Data Test Info		
		Fd Rate /engine/day:	Amb.Temp(C):	
		KW at Sampling:	Rel Humid(%):	
		Fuel Sulphur, Wt%:		

Compatibility Samples

If you wish to have an oil Compatibility Test, you must send two sample bottles of oil. Please label both bottles and check the Compatibility Test box on the labels.

How to register new equipment with Signum and/or request your vessel's Signum label file.

Contact signum.registration@exxonmobil.com to register new equipment or to request that your vessel's Signum label file be sent to your vessel via e-mail. When registering new equipment, be sure to send the equipment make and model number.

This new process will ensure that all equipment is registered correctly before the sample is sent to the laboratory.

You may also call +44 1372 225303, Monday – Friday, 8:00 am – 5:00 pm (UK office hours).

Questions?

Please contact your local ExxonMobil Marine Lubricants representative or call +44 1372 225303, Monday – Friday, 8:00 am – 5:00 pm (UK office hours).

You can also contact ExxonMobil with questions via e-mail at signum.registration@exxonmobil.com.