55 ZA Des Roitelières 44330 LE PALLET
Laboratoire : 02 40 04 30 03
Commerciale : 06 69 94 94 60

MOTOR OIL ANALYSIS REPORT

COMPAGNY INFORMATION :	
Name :	Adress :
Mail :	
Phone number :	
	Order n°:

UNIT INFORMATION :	
Machine :	Job n° :
Nilsa n° :	Kind of liquid :
Serial n° :	Designation :
Sampling position :	Taken from :

Severity Status Level :

SAMPLE INFORMATION :				
Sample n° :				
Date of received :				
Date sample taken				
Total machine hours :				
Lubricant service hours :				
Drain (D) / Sampling (S)				

OIL CONDITION	**Method**	**Result units**	**Limits**	**Results**	**Results**	**Results**	**Results**
Viscosity at 100°C :	NF-T 60 100	mm2/s	< 9 / 15 <				
Flash point (COC) :	ASTM D-92	`C	> 190				
Flash point (PM) :	ASTM D-92	°C	> 140				
Total Basic Number :	ASTM D-2896	mgKOH/g	> 8				
Soot :	internal method	%	< 3,5				

CONTAMINATION	**Method**	**Result units**	**Limits**				
Water content :	ASTDM D-1744	%	< 0.2				
Oxydation :	/	A/cm	< 25				
Nitration :	/	A/cm	< 5,5				
Silicium :	ASTM D5185	ppm	< 20 / 40 <				
Sodium :	ASTM D5185	ppm	< 100				

WEAR BY ICP OES	**Method**	**Result units**	**Limits**				
Metal of wear :							
Al	ASTM D5185	ppm	< 8 / 16 <				
Fe	ASTM D5185	ppm	< 45 / 95 <				
Cu	ASTM D5185	ppm	< 15 / 45 <				
Pb	ASTM D5185	ppm	< 25 / 80 <				
Sn	ASTM D5185	ppm	< 15 / 30 <				
Cr	ASTM D5185	ppm	< 5 / 25 <				
Ni	ASTM D5185	ppm	< 5 / 15 <				
Ag	ASTM D5185	ppm	< 10				
Cd	ASTM D5185	ppm	< 10				
Ti	ASTM D5185	ppm	< 10				
V	ASTM D5185	ppm	< 5				
ADDITIVES							
Ca	ASTM D5185	ppm					
Zn	ASTM D5185	ppm					
Mg	ASTM D5185	ppm					
P	ASTM D5185	ppm					

DIAGNOSTIC

DIAGNOSTIC

DIAGNOSTIC

COMMENTS :

M. D., David Baule

ISO 9001 DEKRA

Will not be copy without the written approval of CALIA. Sampling and customer information about sample, condition the right interpretation of results. The responsibility of CALIA cannot be engaged.