

System:	DIESEL ENGINE	Customer:	ISO 17025 AMS
Sump Capacity:	?	Address:	Bergensesteenweg 713
Lubricant:	CASTROL CRB RIVERMAX SAE 15W40	Address:	B- 1600 Sint-Pieters-Leeuw
Labocodenbr:	114652-SZ.1	Your customer:	
Samplenummer:	09.05.23 Y003	Your ref.:	210323A016
Labelnummer:			
Date sample drawn:	19.02.2023		
Sampling:	by client		

Diagnostic

Results:	Method*	Unit	Current sample	09.05.23 Y003
Analysis date			9/05/2023	
Date of receipt			9/05/2023	
Sample date			19/02/2023	
H/Km Oil			?	
H/Km total			?	
Top up			?	
Oil Condition:				
Viscosity at 40°C	ASTM D7279	cSt		
Viscosity at 100°C	ASTM D7279	cSt	13.1	
Viscosity-index	ASTM D2270			
Fuel dilution	ASTM D7593	%		
AN	ASTM D8045	mg KOH/g		
BN	ASTM D2896B	mg KOH/g		
Oxidation	ASTM E2412	Abs/0.1mm		
Nitration	ASTM E2412	Abs/0.1mm		
PMCC	ASTM D93	°C		
COC	ASTM D92B	°C		
Color	ASTM D1500			
Additives:				
Ba: Barium	ASTM D5185	ppm		
Ca: Calcium	ASTM D5185	ppm	< 1	
Mg: Magnesium	ASTM D5185	ppm		
P: Phosphorus	ASTM D5185	ppm		
S: Sulfur	ASTM D5185	%	0.00	
Zn: Zink	ASTM D5185	ppm		
Pollution:				
Si: Silicium	ASTM D5185	ppm		
B: Boron	ASTM D5185	ppm		
Na: Sodium	ASTM D5185	ppm		
Water	WI-0002	%	< 0.04	
Water (KF)	ASTM D6304C	ppm		
Soot content	ASTM E2412	%		
Antifreeze	ASTM D2982A		Neg.	
PC ISO grade	ASTM D7647			
PC Cleanliness class	ASTM D7647			
Insolubles	ASTM D4898	mg/l		
Wear metals:				
Al: Aluminium	ASTM D5185	ppm		
Cr: Chromium	ASTM D5185	ppm		
Cu: Copper	ASTM D5185	ppm		
Fe: Iron	ASTM D5185	ppm		
Mo: Molybdenum	ASTM D5185	ppm		
Pb: Lead	ASTM D5185	ppm		
Sn: Tin	ASTM D5185	ppm		
PQ index	WI-0021			

These conclusions are based on the supplied samples and information where the representativeness and validity cannot be guaranteed. Opinions and interpretation are outside the scope of accreditation. The measurement uncertainty is available on request. Samples are destroyed 2 months after receipt. The report may only be reproduced complete. Distribution on the responsibility of the client. *Methods are modified according to specified method. (A)Accreditation. (U)Outsourced.

Batch: 2319102 - p.1 / 1 Diagnosis: KDS Date of issue: 10/07/2023 B-20 ALPHA MAINTENANCE SYST..

Alpha MS - Bergensesteenweg 713 - 1600 Sint-Pieters-Leeuw - Belgium - Tel.: 00 32 2 365 02 29 - Fax.: 00 32 2 361 34 58.