

System:	DIESEL ENGINE	Customer:	ISO 17025 AMS
Sump Capacity:	?	Address:	Bergensesteenweg 713
Lubricant:	?		
Labocodenbr:	114652-SL.1		
Samplenummer:	03.05.23 Y003		B- 1600 Sint-Pieters-Leeuw
Labelnummer:		Your customer:	PTP ISDO 2303
Date sample drawn:	3.05.2023	Your ref.:	Can 137
Sampling:	by client		

Diagnostic

Difficult to diagnose due to the lack of information, brandname/type of oil.

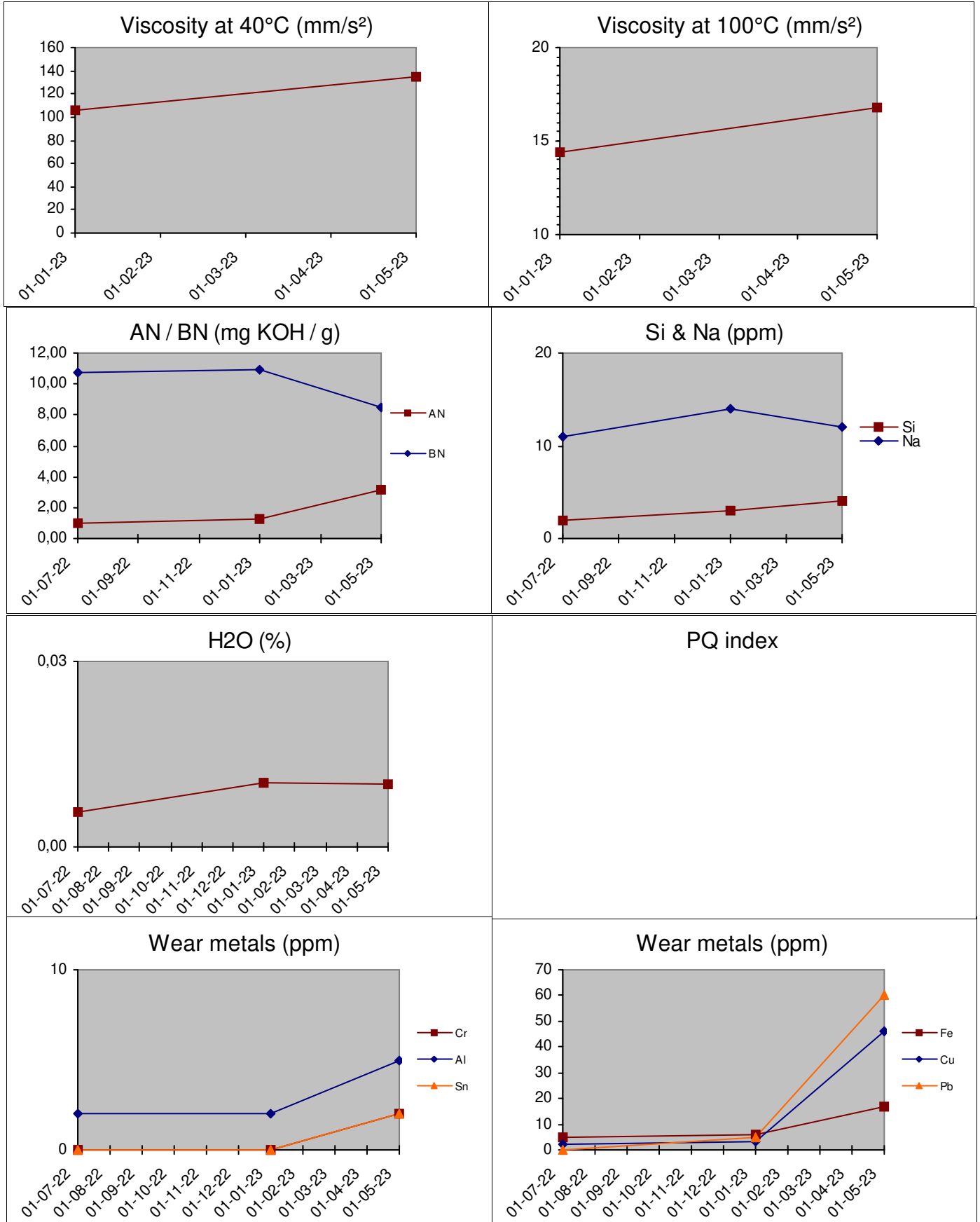
Results:	Method*	Unit	Current sample	03.05.23 Y003	
Analysis date			3/05/2023	6/01/2023	29/08/2022
Date of receipt			3/05/2023	6/01/2023	29/08/2022
Sample date			?	?	26/07/2022
H/Km Oil			?	?	?
H/Km total			?	?	?
Top up			?	?	?
Oil Condition:					
Viscosity at 40°C	ASTM D7279	cSt	135.0	106.0	
Viscosity at 100°C	ASTM D7279	cSt	16.8	14.4	
Viscosity-index	ASTM D2270		135	140	
Fuel dilution	ASTM D7593	%			
AN	ASTM D8045	mg KOH/g	3.20	1.29	1.01
BN	ASTM D2896B	mg KOH/g	8.5	10.9	10.7
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	< 1	1	1
Ca: Calcium	ASTM D5185	ppm	1430	1720	1270
Mg: Magnesium	ASTM D5185	ppm	955	1163	856
P: Phosphorus	ASTM D5185	ppm	951	973	842
S: Sulfur	ASTM D5185	%	0.16	0.29	0.21
Zn: Zink	ASTM D5185	ppm	949	1250	934
Pollution:					
Si: Silicium	ASTM D5185	ppm	4	3	2
B: Boron	ASTM D5185	ppm	34	47	51
Na: Sodium	ASTM D5185	ppm	12	14	11
Water	WI-0002	%			< 0.04
Water (KF)	ASTM D6304C	ppm	86	88	48
Soot content	ASTM E2412	%			
Antifreeze	ASTM D2982A		Neg.	Neg.	Neg.
PC ISO grade	ASTM D7647				24/20/13
PC Cleanliness class	ASTM D7647				12
Insolubles	ASTM D4898	mg/l			
Wear metals:					
Al: Aluminium	ASTM D5185	ppm	5	2	2
Cr: Chromium	ASTM D5185	ppm	2	< 1	< 1
Cu: Copper	ASTM D5185	ppm	46	3	2
Fe: Iron	ASTM D5185	ppm	17	6	5
Mo: Molybdenum	ASTM D5185	ppm	59	72	56
Pb: Lead	ASTM D5185	ppm	60	5	< 1
Sn: Tin	ASTM D5185	ppm	2	< 1	< 1
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 / 2 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.

History 03.05.23 Y003



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