

System: UNKNOWN SYSTEM  
 Sump Capacity (k): ?  
 Lubricant (k): ANDEROL PQ AA ISO 32  
 Labocodenbr: 116175-NR.9  
 Samplenummer: 14.06.24 F004  
 Labelnummer:  
 Date sample drawn (k): 11.06.2024  
 Sampling: by client

Customer (k): BV ANDEROL CUSTOMER SERVICE  
 Mevr.INGRID OOMS  
 Address (k): GROOT EGTEENRAYSEWEG 23  
 NL-5928 PA VENLO

Your customer (k): 2020417  
 Your ref. (k):

## Diagnostic



Oil



Pollution



Wear



The analysed oil does not correspond with the given oil make and type. Wear elements within tolerance.

Attention

Results:	Method*	Unit	Current sample	14.06.24 F004
Analysis date			14/06/2024	
Date of receipt			14/06/2024	
Sample date (k)			11/06/2024	
H/Km Oil (k)			?	
H/Km total (k)			?	
Top up (k)			?	
<b>Oil Condition:</b>				
Viscosity at 40°C	ASTM D7279	cSt	32.8	
Viscosity at 100°C	ASTM D7279	cSt	5.7	
Viscosity-index	ASTM D2270		113	
Fuel dilution	ASTM D7593	%		
AN	ASTM D8045	mg KOH/g	0.08	
BN	ASTM D2896B	mg KOH/g		
Oxidation	ASTM E2412 (A)	Abs/0.1mm	1.9	
Nitration	ASTM E2412	Abs/0.1mm	2.8	
PMCC	ASTM D93	°C		
COC	ASTM D92B	°C		
Color	ASTM D1500			
<b>Additives:</b>				
Ba: Barium	ASTM D5185	ppm	< 1	
Ca: Calcium	ASTM D5185 (A)	ppm	< 5	
Mg: Magnesium	ASTM D5185 (A)	ppm	< 5	
P: Phosphorus	ASTM D5185 (A)	ppm	< 10	
S: Sulfur	ASTM D5185	%	0.33	
Zn: Zink	ASTM D5185 (A)	ppm	< 5	
<b>Pollution:</b>				
Si: Silicon	ASTM D5185 (A)	ppm	< 10	
B: Boron	ASTM D5185	ppm	< 1	
Na: Sodium	ASTM D5185 (A)	ppm	< 5	
Water	WI-0002	%		
Water (KF)	ASTM D6304C	ppm	29	
Soot content	ASTM E2412 (A)	%		
Antifreeze	ASTM D2982A			
PC ISO grade	ASTM D7647 (A)			
PC Cleanliness class	ASTM D7647 (A)			
Insolubles	ASTM D4898	mg/l		
<b>Wear metals:</b>				
Al: Aluminium	ASTM D5185 (A)	ppm	< 5	
Cr: Chromium	ASTM D5185 (A)	ppm	< 5	
Cu: Copper	ASTM D5185 (A)	ppm	< 5	
Fe: Iron	ASTM D5185 (A)	ppm	< 5	
Mo: Molybdenum	ASTM D5185 (A)	ppm	< 5	
Pb: Lead	ASTM D5185 (A)	ppm	< 5	
Sn: Tin	ASTM D5185	ppm	2	
PQ index	WI-0021			

These conclusions are based on the tested 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. (k) Received info from customer.

Batch: 2417203 - p.1 / 1

Diagnosis: ANW

Date of issue: 20/06/2024

AN02 ANDEROL.