

LAB REPORT

Unit id
PRINTING PRESS

Lab number: 1704841

Machine type
Not reported

Manufacturer
Heidelberg

Sample from
Printing press

Oil brand name
Pennasol CLP 150

Oil quantity in system
120 l

The wear values are within the normal range. The oil's purity class meets the requirements. The measured viscosity is within the ISO VG 150 range. The water content is within the normal range. If an oil change has not yet been performed, further use of the oil under similar operating conditions, while maintaining standard maintenance procedures, would be possible. I advise you: Please send us the next sample during your next maintenance or during the usual inspection to observe the trend behavior.



NORMAL

Dipl.-Ing. Andy Böhme (CLS)

ANALYSIS RESULTS		Current sample					
Lab number		1704841					
SAMPLE RATING							
Date of examination		26.06.2025					
Date of sample taken		20.06.2025					
Date of last oil change		01.06.2023					
Top-up since change		-					
Operating time since change		2 a					
Total operating time		5 a					
Oil changed		-					
WEAR							
Iron	Fe	mg/kg	4				
Chrome	Cr	mg/kg	0				
Tin	Sn	mg/kg	0				
Aluminum	Al	mg/kg	0				
Nickel	Ni	mg/kg	0				
Copper	Cu	mg/kg	10				
Lead	Pb	mg/kg	2				
Molybdenum	Mo	mg/kg	1				
Manganese	Mn	mg/kg	0				
PQ index	-		< 25				
CONTAMINATION							
Silicon	Si	mg/kg	8				
Potassium	K	mg/kg	0				
Sodium	Na	mg/kg	0				
Water K. F.		ppm	43				
OIL CONDITION							
Viscosity at 40 °C	mm ² /s		139.42				
Viscosity at 100 °C	mm ² /s		14.47				
Viscosity index	-		102				
Oxidation	A/cm		1				

LAB REPORT

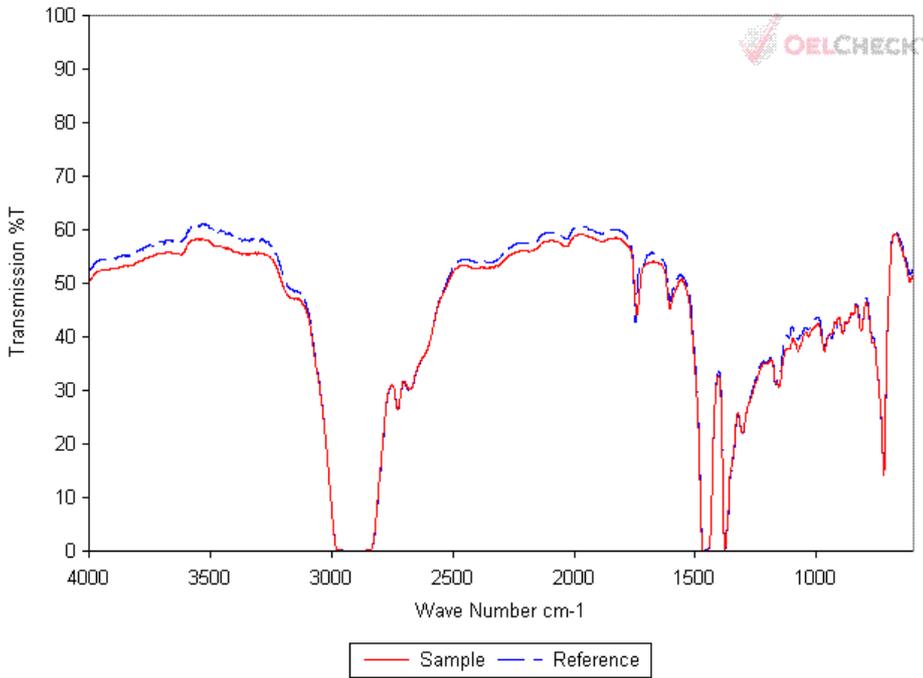
Unit id
PRINTING PRESS



ANALYSIS RESULTS (...)		Current sample					
Lab number		1704841					
SAMPLE RATING							
Date of examination		26.06.2025					
Date of sample taken		20.06.2025					
ADDITIVES							
Calcium	Ca	mg/kg	12				
Magnesium	Mg	mg/kg	0				
Boron	B	mg/kg	0				
Zinc	Zn	mg/kg	22				
Phosphorus	P	mg/kg	120				
Barium	Ba	mg/kg	0				
Sulphur	S	mg/kg	7954				
ADDITIONAL TESTS							
Cleanliness class	ISO 4406		18/15/10				
A: >4µm = ISO >4µm	Anzahl/100ml		200580				
B: >6µm = ISO >6µm	Anzahl/100ml		18869				
C: >14µm = ISO >14µm	Anzahl/100ml		773				
D: >21µm	Anzahl/100ml		41				
E: >38µm	Anzahl/100ml		0				
F: >70µm	Anzahl/100ml		0				
Cleanliness class	SAE AS 4059		9A				



SAMPLE IMAGES (LABORATORY NUMBER: 1704841)



INFRARED SPECTRUM



BOTTLE AND CAP



Any questions?

Phone: +49 8034 9047-210
ta@oelcheck.de

LAB.REPORT



- View all laboratory reports at any time - Have them translated directly if required
- Flexible search and filter functions for quick results
- High-resolution images and graphics for optimal detail analysis
- Convenient creation of meaningful trend graphs



[www.lab.report/
sample/1704841](http://www.lab.report/sample/1704841)