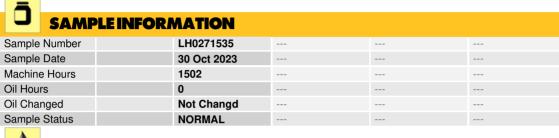
LIEBHERR

CONSTRUCTION EQUIPMENT

LIEBHERR L566 1758-71343 - Diesel Engine

Sample No: LH0271535

Oil Type: OEM



OILCO	NDITION			
Visc @ 100°C	cSt	12.8	 	
Base Number (BN)	mg KOH/g	7.5	 	
Oxidation (PA)	%	76	 	
_				

CON	TAMINA	TION		
Soot %	%	0.1	 	
Nitration (PA)	%	53	 	***
Sulfation (PA)	%	64	 	
Glycol	%	NEG	 	
Fuel	%	<1.0	 	
Silicon	ppm	8	 	
Sodium	ppm	0	 	
Potassium	ppm	0	 	

WEA	R METALS	5		
Iron	ppm	3	 	
Copper	ppm	32	 	
Lead	ppm	0	 	
Tin	ppm	() <1	 	
Aluminum	ppm	2	 	
Chromium	ppm	0 <1	 	
Molybdenum	ppm	87	 	
Nickel	ppm	0	 	
Titanium	ppm	<1	 	
Silver	ppm	0	 	
Manganese	ppm	<1	 	
Vanadium	ppm	0	 	

ADDITIVES					
Calcium	ppm	1517			
Magnesium	ppm	549			
Zinc	ppm	1139			
Phosphorus	ppm	951			
Barium	ppm	0 <1			
Boron	ppm	326			



HRI INC 1750 W COLLEGE AVENUE STATE COLLEGE, PA US 16804

Contact: SERVICE MANAGER

T: F:

Diagnosis

Resample at the next service interval to monitor. All component wear rates are normal. There is no indication of any contamination in the oil. The BN result indicates that there is suitable alkalinity remaining in the oil. The condition of the oil is suitable for further service.

Depot:HRISTAUnique No:10728044Signed:Wes DavisReport Date:07 Nov 2023

LIEBHERR

CONSTRUCTION EQUIPMENT





GRAPHS

