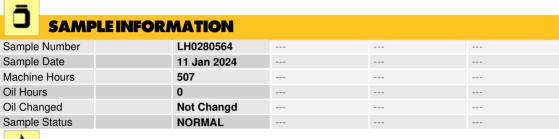
LIEBHERR

CONSTRUCTION EQUIPMENT

LIEBHERR LH110 1227-155752 - Swing Drive

Sample No: LH0280564
Oil Type: GL-5 80W90



OILCO	NDITION			
Visc @ 40°C	cSt	180	 	

CONTAMINATION						
Water	%	NEG				
Silicon	ppm	5				
Sodium	ppm	4				
Potassium	ppm	2				

₩EA				
₩ WEA	R METAI	LS		
Iron	ppm	203	 	
Copper	ppm	67	 	
Lead	ppm	○ <1	 	
Tin	ppm	5	 	
Aluminum	ppm	1	 	
Chromium	ppm	O <1	 	
Molybdenum	ppm	0	 	
Nickel	ppm	O <1	 	
Titanium	ppm	0	 	
Silver	ppm	0	 	
Manganese	ppm	2	 	
Vanadium	ppm	0	 	

ADDITIVES						
Calcium	ppm	46				
Magnesium	ppm	2				
Zinc	ppm	16				
Phosphorus	ppm	1879				
Barium	ppm	4				
Boron	ppm	5				



KINDER MORGAN 4301 IVERSON TRINITY, AL US 35601

Contact: CHIP OAKES

T: (256)350-0006 F: (256)355-5250

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 condition of the oil is acceptable for the time in service.

Depot: KINTRI
Unique No: 10848685
Signed: Sean Felton
Report Date: 30 Jan 2024

LIEBHERR

CONSTRUCTION EQUIPMENT





GRAPHS

