

LABORATORY ANALYSIS



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Equipment No. **LE-472 (00003)**
System **Hydraulic System**
Oil Type **LUBRAL HIDRALICO ALTO DESEMPER 32 (--- GAL)**

DIAGNOSIS

We advise that you check all areas where contaminants can enter the system. We advise that you perform a filter service, and use off-line filtration to improve the cleanliness of the system fluid. The air breather requires service. If unrated, we recommend that you replace with a suitable micron rated and/or desiccant air breather. If rated, we recommend that you service/replace the breather. We advise that you flush the component thoroughly before re-filling with oil. Confirm the source of the lubricant being utilized for top-up/fill. Resample in 30-45 days to monitor this situation. NOTE: Please provide information regarding reservoir capacity, filter type and micron rating with next sample. L and S levels are severe. Iron (Fe) ppm levels are severe. Severity Index and WPC levels are severe. Titanium (Ti) ppm levels are marginal. Cylinder or oil pump wear indicated. There is a high amount of particulates (2 to 100 microns in size) present in the oil. The system cleanliness code is much higher than the acceptable limit for the target ISO 4406 cleanliness code. The oil viscosity is higher than normal. The high AN level of the oil indicates the presence of oxi-polymerized products. The AN level is much higher than the recommended limit. Viscosity of sample indicates oil is within ISO 68 range, advise investigate. This plus the additive levels indicates that this is not the same brand, or type of oil as reported. The oil is no longer serviceable as a result of the abnormal and/or severe wear.

SAMPLE INFORMATION

Lab Number	New	2312-00794	---	---
Date of Sample	(Typical)	15 Dec 2023	---	---
Oil Added		UNK	---	---
Last Drain Date		--	---	---
Last Filter Service		--	---	---
Sample Point		---	---	---
Sample Status		SEVERE	---	---

CONTAMINATION

Water	>0.05	NEG	---	---
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Customer Id: NMCAPO
Sample No.: EN23120794
Lab Number: 23120794
Test Package: TEST



To manage this report scan the QR code

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OIL ANALYSIS REPORT

