

HOW TO READ THE POLARIS REPORT

(Front Page)

Unit ID

Customer, Equipment, Lube Information

Unit, Lube Condition

Spectroscopic Metals Analysis in PPM

Date Sampled
Date Lab Received

Time On Lube
Time On Unit

Lube Drain

Fuel, Soot, Water

Viscosity, TAN or TBN

Oxidation, Nitration

ISO Cleanliness Code & Particle Count By Micron Size

The report header includes: POLARIS Laboratories, LLC, 317-886-3750, Fax 317-886-3751. Test results are organized into two main tables. The top table lists various chemical and physical tests such as EC-SD-01, EC-SD-02, EC-SD-03, EC-SD-04, EC-SD-05, EC-SD-06, EC-SD-07, EC-SD-08, EC-SD-09, EC-SD-10, EC-SD-11, EC-SD-12, EC-SD-13, EC-SD-14, EC-SD-15, EC-SD-16, EC-SD-17, EC-SD-18, EC-SD-19, EC-SD-20, EC-SD-21, EC-SD-22, EC-SD-23, EC-SD-24, EC-SD-25, EC-SD-26, EC-SD-27, EC-SD-28, EC-SD-29, EC-SD-30, EC-SD-31, EC-SD-32, EC-SD-33, EC-SD-34, EC-SD-35, EC-SD-36, EC-SD-37, EC-SD-38, EC-SD-39, EC-SD-40, EC-SD-41, EC-SD-42, EC-SD-43, EC-SD-44, EC-SD-45, EC-SD-46, EC-SD-47, EC-SD-48, EC-SD-49, EC-SD-50, EC-SD-51, EC-SD-52, EC-SD-53, EC-SD-54, EC-SD-55, EC-SD-56, EC-SD-57, EC-SD-58, EC-SD-59, EC-SD-60, EC-SD-61, EC-SD-62, EC-SD-63, EC-SD-64, EC-SD-65, EC-SD-66, EC-SD-67, EC-SD-68, EC-SD-69, EC-SD-70, EC-SD-71, EC-SD-72, EC-SD-73, EC-SD-74, EC-SD-75, EC-SD-76, EC-SD-77, EC-SD-78, EC-SD-79, EC-SD-80, EC-SD-81, EC-SD-82, EC-SD-83, EC-SD-84, EC-SD-85, EC-SD-86, EC-SD-87, EC-SD-88, EC-SD-89, EC-SD-90, EC-SD-91, EC-SD-92, EC-SD-93, EC-SD-94, EC-SD-95, EC-SD-96, EC-SD-97, EC-SD-98, EC-SD-99, EC-SD-100. The bottom table lists ISO Cleanliness Code and Particle Count By Micron Size.

Misc

Time

Dates

Severity Status (0 - 4)

Acct Number
Lab Number

New Lube Reference

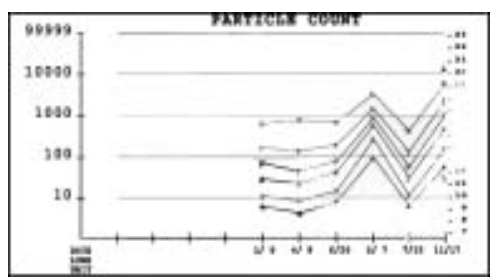
Other Physical & Chemical Tests

FLAGS indicate results out of range or a pattern change

Specialized Test Area

- * Possible trend beginning
- ** Observe equipment
- *** Maintenance or diagnostic action suggested
- **** CRITICAL

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Backside of report has graphs, indicating the historical trend of wear and lube characteristics, with test results grouped together for easy observation of changes in the normal pattern