



Product Information Sheet

T-5001

PARAMETERS FOR PRODUCT ANALYSIS REPORTS

- Viscosity - 40°C CST
Should read 68 + -10 (Lo 58 - Hi 78) changes in viscosity are usually accompanied by other factors, (i.e. dilution = low viscosity, oxidation = high viscosity).
- Total Acid Number - T.A.N.
Should read from 0.001 to 0.85 - any reading higher than 0.85 is reason to change oil.
- Particle Count
Particle size greater than indicated under particle size. When particle count rises to the point on a chart to equal a 20 ISO on the 5 micron size and a 20 ISO on the 15 micron size - oil filter should be changed.
- Spectrochemical Analysis

	<u>New Oil</u>	<u>Marginal</u>	<u>Not Acceptable</u>
Iron (FE)	0	5-10	Above 10
Lead (PB)	0	5-10	Above 10
Copper (CU)	0	5-10	Above 10
Aluminum (AL)	0	0-5	Above 10
Zinc (ZN)	0	0-40	Above 40
Phosphorus (P)	0	0-40	Above 40
Barium (BA)	0	0-40	Above 40
Calcium (CA)	0	0-40	Above 40
Silicone (SI)	0	10-15	Above 15
Magnesium (MG)	0	0-10	Above 10
Molybeum (MO)	0	0-5	Above 5

Water (Karl Fischer Method)

Measure in parts per million, should read 70 – 150 as normal. An abnormal reading is cause for investigation of areas where oil and water are in close proximity (i.e. shell and tube heat exchanger, water cooled heads, etc.)