



L-Vis 510: LUBRICANTS

Inline measurement of the viscosity of lubricants
at a lubricant manufacturing plant

L-Vis 510 will continuously be in place in your production
line obtaining viscosity and temperature values

Quality control and cost efficiency by measuring inline viscosity with L-Vis 510

Robust and accurate viscosity measurement under harsh
process conditions is essential to ensure the final product quality
of lubricants when manufacturing and filling lubricant oils.

Only a repeatable and accurate viscosity during product changes
guarantees consistent product quality and saves production time.

L-Vis 510 is an inline viscometer which is immersed directly in the
production line. It displays the viscosity at the process
temperature and reference temperature together with the current
process temperature.

In combination with the Anton Paar process density sensor
L-Dens 7400, the density and viscosity will be measured and the
kinematic viscosity will be calculated.

Data management for your quality control with L-Vis 510

L-Vis 510 data management connects via analog/digital or
fieldbus to your plant control (PLC). Processing these data the
viscosity measurement with L-Vis 510 will help to optimize your
process.

L-Vis 510 – in place for first-class quality!

A challenging task made easy by Anton Paar's unique, fluid dynamic inline viscometer, the L-Vis 510

- Robust and accurate measurement
- Inline measurement of the dynamic viscosity together with the
temperature
- Calculating a reference viscosity at a reference temperature
from the measured values
- Installed flexibly in a pipe, tank or bypass using standard or
customized connection flanges



In place to ensure quality

Product detection instantly and inline
by measuring the lubricant's
viscosity and temperature – in place
to ensure top quality

Other Anton Paar instruments relevant for this application

Laboratory viscosity measurement

- SVM™ Series Viscometer
- Lovis 2000 M/ME – Ball Rolling
Viscometer
- RheolabQC – Rheometer

Process density measurement

- L-Dens 7400



Do you have any questions?

Please contact Anton Paar
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