

## Oil analysis for condition monitoring of machinery

### **ANALYSIS TYPE 1 (Article no: ANALYSIS-1)**

Particle count according to ISO 4407 and water content measurement (Karl Fischer) according to ASTM D4928. This analysis checks the cleanliness of a fluid and can reveal problems with system filtering or particle contamination.

**Price NOK 685,-**

### **ANALYSIS TYPE 2 (Article no: ANALYSIS-2)**

Same as analysis 1 + measurement of kinematic viscosity according to ASTM D445, dynamic viscosity (ASTM D7042), viscosity index and density. In addition to fluid cleanliness, this analysis also checks the fluid viscosity is within specification and can help indicate whether a fluid needs changing.

**Price NOK 759,-**

### **ANALYSIS TYPE 3 (Article no: ANALYSIS-3)**

Same as analysis 2 + FTIR analysis. FTIR gives both information about degradation, oxidation, additives and contamination (glycol, fuel, soot etc).

**Price NOK 868,-**

### **ANALYSIS TYPE 4 (Article no: ANALYSIS-4)**

X-Ray spectroscopy by SEM EDS. Mapping of the elemental composition of all types of fluids. Used to reveal additive deposits and also identify wear particles in order to trace them to their origin.

**Pris kr. 2730,-**

Analysis and threshold values depend on application and oil type. If further analysis is needed we will make recommendations.

Servi can assist with the interpretation of the analysis results. In cooperation with the customer we can also establish threshold values and sampling plans for condition monitoring of various machine applications.

All analysis reports from Servi are presented in an easily read format whereby key data is neatly summarised.

Installation of a DynaSamp sampler makes it is easier to take regular samples in order to establish trend curves for reviewing the application's condition over time.

In addition to the above analysis types, individually tailored analysis as well as third-party assessment and microbial surveys are available upon request.

## ACCESSORIES

Part no.	Equipment	Price
668287	Bottles, plastic, 150 ml	NOK 23,-
759873	Bottles, glass, 100 ml	NOK 247,-
759723	Aluminium bottles for DynaSamp low pressure sampler	NOK 1904,-
763017	Oil sampling kit - incl. vacuum pump	NOK 1464,-
763018	Adapter for 22MM pumps to bottle thread GL45	NOK 488,-

### ORDER SAMPLE BOTTLES:

Large kit - part no. 763316

- 18 bottles
- Lables
- Envelopes for return

Small kit - art.nr. 766313

- 6 bottles
- Lables
- Envelopes for return



**Regular oil analysis as part of a condition monitoring program gives increased reliability at a reduced cost.**

### For more information, contact

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