

A little water, can have a BIG EFFECT.



HydroScout®... A system designed to quantify water in industrial and lubricating oils.

All reagents are environmentally safe and can be disposed of in normal waste.

DEXSIL® has developed the HydroScout® System, a new, easy-to-use method to quantify water in industrial and lubricating oils. Designed to be used on-site or in the laboratory, results are obtained in less than five minutes.

Whether testing one sample or many samples, no instrument set-up time is necessary. Just add 5mL to the reaction tube, break one ampule, wait 4 minutes, insert tube into instrument and read the results on the LCD.

Quantification is fast, accurate, and can determine water contamination in oil down to 50 ppm. All reagents are premeasured and sealed in breakable glass ampules.

It's that quick and easy!

DEXSIL®

An ISO 9001 Registered Company
WWW.DEXSIL.COM

"A TEST FOR WATER IN OIL"

ITS EASY, FAST & ACCURATE !!!!!!!

HYDROSCOUT'S METER IS PREPROGRAMMED FOR:

LUBRICATING OIL ANALYSIS

		Sample Matrix Types Tested*	Units	MDL [‡]	Maximum	Reagents Needed	Sample Size
Program	C	Exxon Terestic GT32, Mobil DTE Light, Shell Turbo T32, Ideal AW-32, Renolin T-32, Dupont Diamond Class 32, Texaco Havoline 80W-90 Gear Oil	µg/mL	50 µg/mL	10,000 µg/mL	PPM Reagents (HS-LRP)	5 mL
Program	D	NAPA Non-Det. SAE 30, Amalie Non-Det. SAE 30, Valvoline Non-Det. SAE 30, Oilzum Non-Det. SAE 50, Gunk Heavy-Duty Brake Fluid, Shell Diala A	µg/mL	50 µg/mL	10,000 µg/mL	PPM Reagents (HS-LRP)	5 mL
Program	E	Exxon Superflo 10W-30, Mobil 1 10W-30, Quaker State Proline 10W-40, Valvoline SAE 50, John Deere Hydraulic Fluid	µg/mL	50 µg/mL	10,000 µg/mL	PPM Reagents (HS-LRP)	5 mL

OTHER PROGRAMMED METHODS

PERCENT LEVELS OF WATER IN USED OIL

PROGRAM	SAMPLE MATRIX TYPES TESTED*	UNITS	MDL [‡]	MAXIMUM	REAGENTS NEEDED	SAMPLE SIZE
A	Used Oil/Liquid Used Oil, Chem-Tool 250, Paint Waste	Volume Percent	0.15% (v/v)	20% (v/v)	Standard (HS-ORP)	0.25 mL
B	Used Oil/Liquid Used Oil, Chem-Tool 250, Paint Waste	Volume Percent	5% (v/v)	100% (v/v)	Standard +Dilution Vial (HS-ORP + HS-DVP)	0.25 mL

MOISTURE IN SOIL

F	Soil Sand, Sandy Clay-Loam, Sea Sediment, Topsoil, Georgia Clay, Alabama Clay	mg H ₂ O	0.25% (w/w)	50% (w/w) [†]	Standard +Extraction (HS-ORP+HS-EXT)	5-10 grams

* For comparison data, see HydroScout manual Appendix A.

[†] Using a 5 gram sample.

[‡] Method Detection Limit determined using procedure outlined in 40 CFR Ch. 1 Pt. 136, App. B.