

Hydro-Carbon Filtration & Separation is an engineering and sales organisation focussing on Filtration & Separation solutions in a wide range of applications and markets all over the world. We specialise in the filtration and separation of process streams, such as fuels, oils (hydrocarbons) and petrochemical products. We offer engineering, design and supply of customised filtration and separation solutions, based upon years of relevant experience. With these application datasheets we inform you about the projects realised.

Project reference
Oil in water monitoring system

Customer	Temporary power plant Cyprus
Function	To control the oil concentration in the outlet of the cooling system to sea.
Range	0 - 30 ppm trend indication 50 ppm
Accuracy	Better than 2 ppm insoluble oil
Minimum Pressure	2 barg
Maximum Temperature	70 °C
Minimum Temperature	1 °C
Hydro-Carbon type	OMD-12A with sample pump PY2171
Orientation	Vertical
Design code	Best Commercial Practice
Outputs	Analogue mA signal and potential free alarm switch over contacts
Power supply monitor	230 V / 50 Hz.
Power supply pump	400 V / 50 Hz. 3 phases , 0.37 kW.



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