



Date: December 15, 2015

Analytical Results

Sample origin: ABHITECH ENERGYCON LIMITED

Mr. Dinesh Mote

Sample name: Thermol

Sample category: Combustion catalyst

Sample dated: November 14, 2015

Analyses requested: Organic content, % of metal content

Sample description: The sample was supplied for analysis in approximately 500 ml plastic bottle.

Testing Results

The following test results have been found upon testing the sample of Thermol, combustion catalyst, submitted by ABHITECH ENERGYCON LIMITED, India.

- Nature of the compound: It has been found to be purely organic in nature based on Instrumental Analysis.
- Presence of metallic derivatives: The tests have been carried out using Atomic Absorption Technique, and the results are compiled in the following table:

Metal/ID	Concentration mg/L (ppm)	Metal/ID	Concentration mg/L (ppm)
Mg	BQL	Ni	BQL
Ca	BQL	Cd	BQL
Na	BQL	Pb	BQL
K	BQL	Zn	BQL
Fe	BQL	Mn	BQL
Cu	BQL	Al	BQL
Co	BQL	Si	BQL
Cr	BQL		

- BQL : below quantifiable limit





Comment: Thermol is used with Mazout and other liquid fuels in ratio of 1 to 2000 or 3000 liters.

In general substances which do not have metals do not affect the metallurgy of the equipments they are used in. However, it can be further tested on site for the other benefits claimed to by the Agency.

- These results concerning sample submitted and representation of any other amounts is the responsibility of the supplier of the samples.

Director of Central Lab Unit

Prof. Dr. Sherine Nabil Khattab

