

NEWS FLASH: April 28, 2011

LUBRICATING AND HYDRAULIC OIL MONITORING IN INDIAN POWER PLANT.

Comments by user:.

We are in the commissioning phase of a 4000 MW, Ultra Mega Power Plant in India. Different types of equipment in the plant need oil for lubricating or hydraulic purposes. For lubricating oil/ hydraulic oil, the vendor gives a specified limit of NAS value for such differing equipment as turbine, ID fan, FD fan, PA fan Boiler Feed Pump etc. Firstly, the flushing oil is inserted into the equipment and flushed through the purifier till the desired value of NAS is achieved. During this period, we take the oil samples and

have them tested successfully on our **Spectrex Laser Particle Counter**

(Spectrex-PC2300). Then the permanent oil is inserted & purified till the desired NAS value is achieved. Once again we successfully use the said instrument for NAS value determination. The result representation is good and both the instrument and the software are very user friendly.