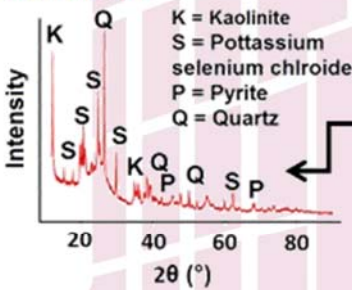


# RENEWABLE ENERGY MATERIALS INNOVATION LABORATORY

## OIL GAS AND PETROCHEMISTRY

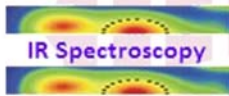
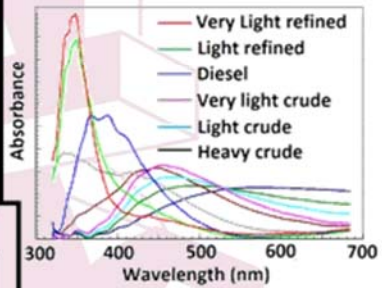
Determination of mineral matter in coal.



Uv-vis Spectroscopy

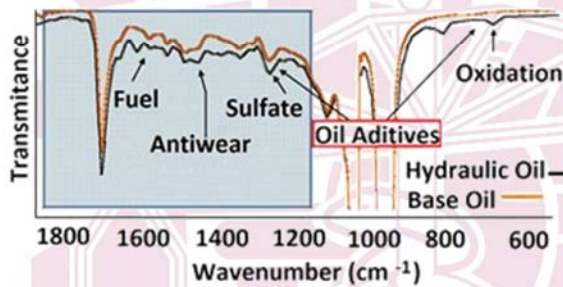
Identification of type of crude and other final refined products.

X-Ray powder Diffraction



IR Spectroscopy

Information about the identity and condition of the oil

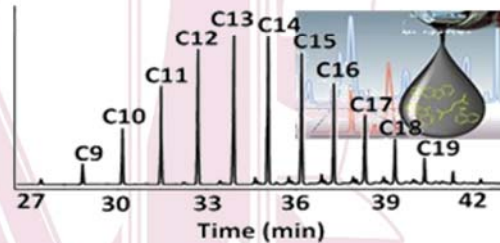
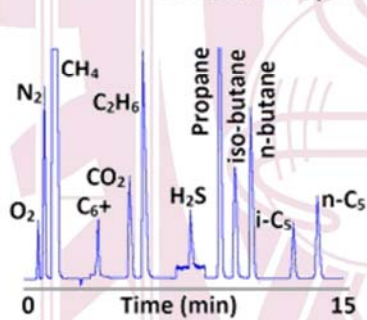


Gas Chromatography



SATATIONARY PHASE

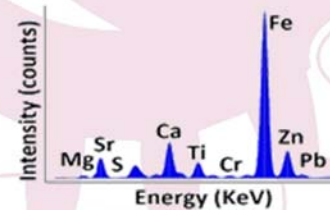
Analysis of permanent gases and extended hydrocarbons in natural gas.



Determination of individual molecular and elemental components in hydrocarbon feedstocks, intermediate products and final refined products.



X-Ray Fluorescence Spectroscopy



Determination of trace elements in petroleum, refined products and coal.