

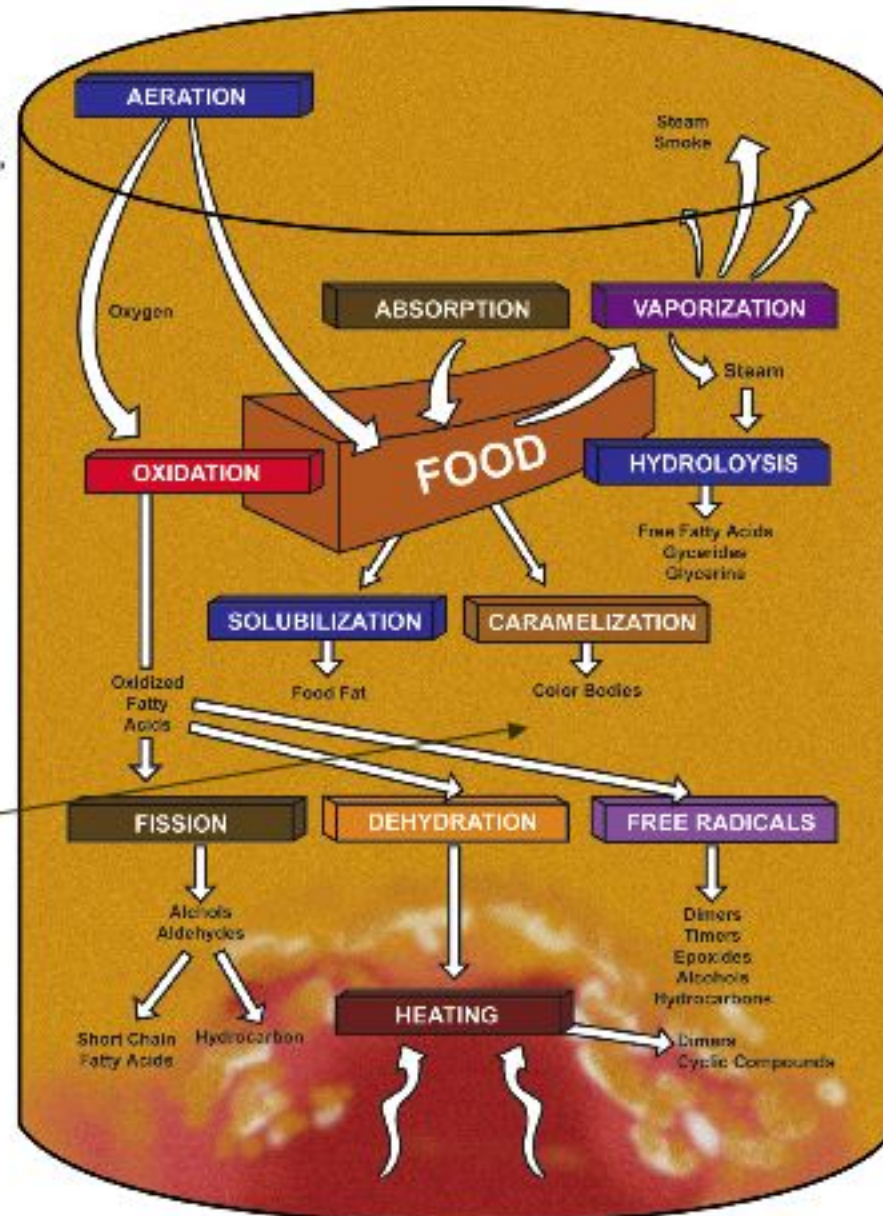
PRODUCTS & OIL DEGRADATION

CHEMICAL PLANT:

Where chemical processes such as Oxidation, Hydrolysis & Caramelization involving Heat, Moisture & Air take place

II
Oxidation
Unsaturated FA + Oxygen =
OFA

III
Caramelization
(Brown color) = Condensation
+ Oxidation + Polymerization



I
Hydrolysis

Triglyceride + H₂O =
Diglyceride + FFA's

Steam + Heat breaks the FA from
glycerol molecule in the hydrolysis
process.

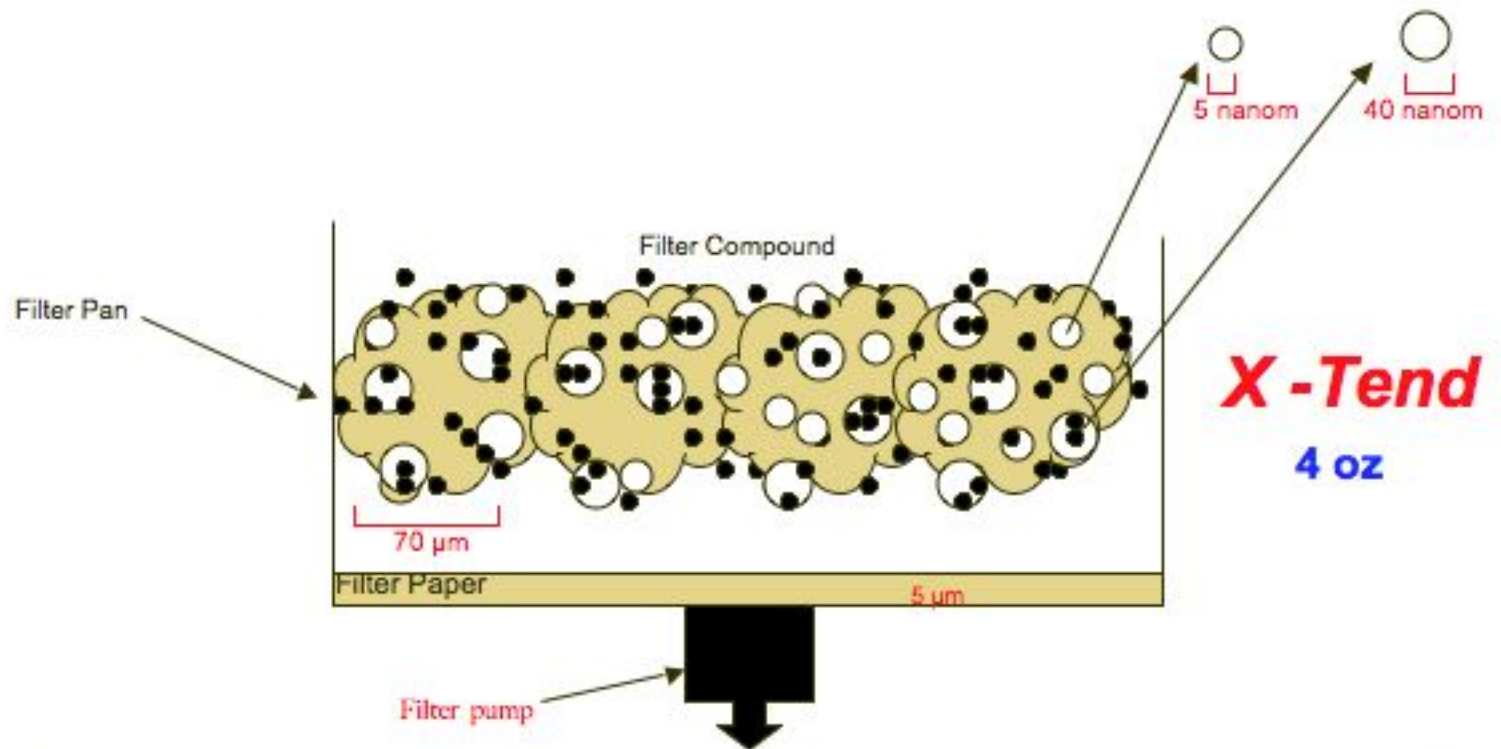
FFA'S Less than 5.5%

TPM less than 25% or 3" visibility

SOAP=FA that foams less than 100 ppm

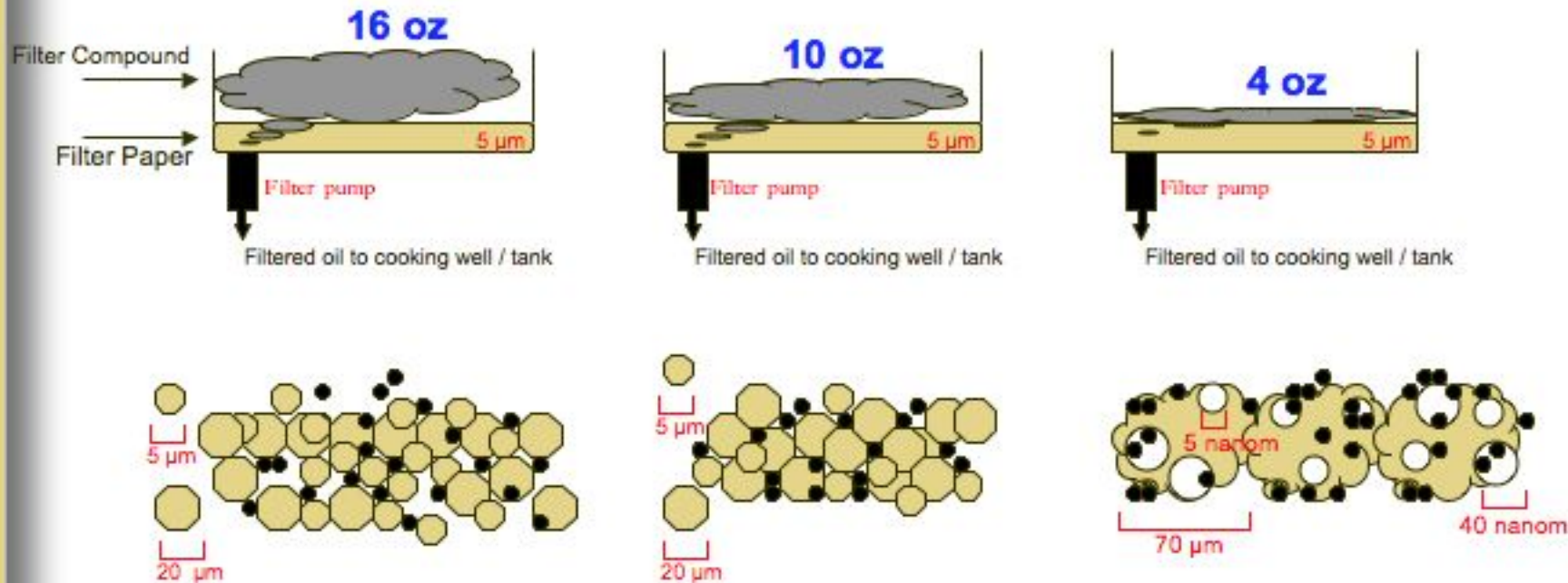
Graphic Comparison

Amount of filtering compound needed for a 40 lbs Oil Capacity



Graphic Comparison

Amount of filtering compound needed for a 40 lbs Oil Capacity



Diatomaceous Earth

Magnesol XL

X-Tend

Filtering with X-Tend



Dirty Oil



Empty Tank



Filtered Oil with X-Tend



Filter Pan



X-Tend Results