

F-T DIESEL FUEL CLEAR AS WATER

**COOK INLET AREA GAS TO LIQUIDS
PLANT ANCHORS A BULLET GAS LINE
FROM THE NORTH SLOPE**



POSITIVE CHANGES FOR ALASKA

PICTURE

Two Glasses – Both Filled With A Clear Liquid
One with Water - One with Diesel



THEY LOOK THE SAME BUT

This one won't run an engine
This one won't burn
This one is environmentally friendly
This is EPA approved as non-toxic

So pure you want to drink it

This one will run an engine
This one will burn
This one is environmentally friendly
This is EPA approved as non-toxic

So pure you could drink it – but don't



F-T FUELS



**Imagine gasoline and diesel made from natural gas
that looks like water, feels like water
And is EPA approved as Non-Toxic**

**Now imagine that this gasoline and diesel
can be made in here in Alaska**

**Now imagine that the market value for these gasoline
and diesel fuels is always greater than the value of
natural gas even after you deduct for manufacturing**



F-T FUELS



Understand that this diesel has been commercially produced since the 1940's, although not in the US, and is currently supplying a growing percentage of Europe's demand for diesel fuel in an environmentally friendly manner

Now imagine that we can build a gas to liquids plant in Alaska using this proven technology

**Now imagine a gas to liquids plant can be built in the Cook Inlet area to justify a 1 bcf/d Bullet Natural Gas line from the North Slope
Today**

ARE YOU INTERESTED?



LOCATION - LOCATION



WHY THE COOK INLET?

BECAUSE YOU HAVE DEPLETED OIL AND NATURAL GAS RESERVOIRS TO DISPOSE OF CO₂

BECAUSE YOU HAVE AN EXISTING RAIL BELT ELECTRIC GRID TO SELL WASTE HEAT ELECTRICITY

BECAUSE YOU HAVE A TIDE WATER LOCATION & EXISTING EXPORT TERMINAL TO DELIVER GASOLINE AND DIESEL TO THE LOWER 48

**FISCHER-TROPSCH
THE TECHNOLOGY
IS COMMERCIAL**

**OVER 50 BILLION
GALLONS SOLD**

A FEW OF THE F-T PLANTS ACROSS THE WORLD



South African Secunda 150,000 BPD Coal to Liquids (CTL)



South African Moss Gas/Condensate to Liquids (GTL)



Shell Bintulu 15,000 BPD Gas to Liquids (GTL)



CHOREN Freiberg 500 BPD Biomass to Liquids (BTL)



SYNTHETIC DIESEL



**F-T DIESEL
AS CLEAN AS
NATURAL GAS**

**U.S. EPA*
APPROVED
NON-TOXIC
F-T WAX
U.S. FDA
APPROVED**



**ZERO SULFUR
ZERO AROMATICS
70 + CETANE
PM10 ≤ CNG**