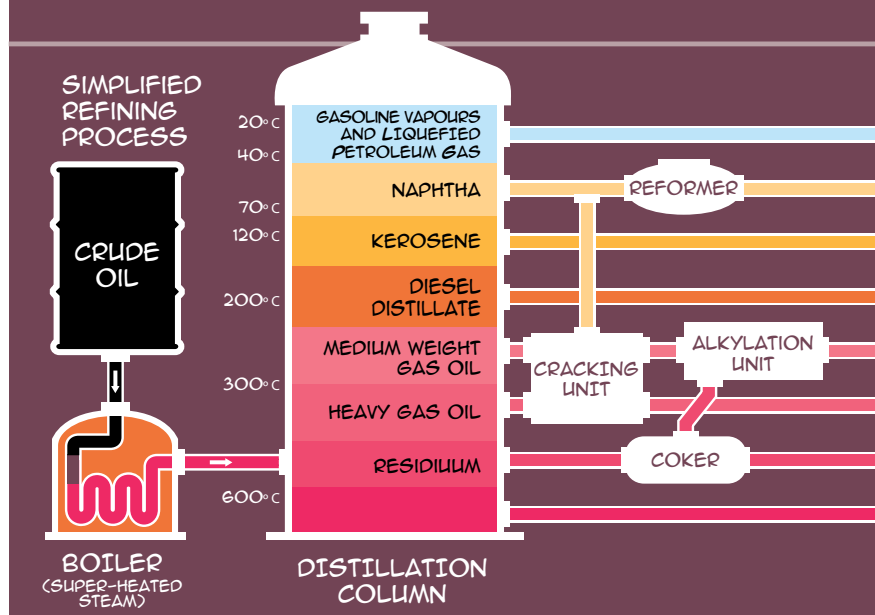


REFINING CRUDE OIL

CRUDE OIL IS TRANSFORMED INTO REFINED PETROLEUM PRODUCTS (RPPS), SUCH AS GASOLINE AND JET FUEL, THROUGH A PROCESS CALLED REFINEMENT. REFINERIES ARE LARGE AND COMPLEX INDUSTRIAL STRUCTURES COMPRISING MANY DIFFERENT PARTS AND PROCESSES THAT PRODUCE DIFFERENT RPPS.



THE COMPONENTS MAKING UP CRUDE OIL EVAPORATE AT DIFFERENT TEMPERATURES, ALLOWING THEM TO BE SEPARATED AND REFINED INTO VARIOUS END PRODUCTS.



CANADA HAS 14 OIL REFINERIES AND TWO ASPHALT REFINERIES. EACH ONE IS TAILORED TO THE HEAVINESS OF CRUDE OIL TO BE REFINED AND THE DESIRED END PRODUCTS.

THESE PRODUCTS ARE USED AS FUELS TO GENERATE ENERGY, FEEDSTOCK FOR THE PRODUCTION OF PLASTICS, AND OTHER PETROLEUM-BASED PRODUCTS SUCH AS LUBRICANTS & ASPHALT.

