

Identification of Petroleum Fractions Separated from Crude Oil

Name	Average C Composition	Boiling Range °C	Approx. % of Total Crude
Light gases *			
Petroleum ("ether")	~C ₂	~0 ^o	Small
Naptha ("white gas")	~C ₅	~25 ^o	Small
Gasoline	~C ₈	50-100 ^o	~20%
Kerosene and Jet Fuel	~C ₁₂	150-200 ^o	~20%
Heating oil and Diesel Fuel	~C ₁₅	200-250 ^o	~25%
Lubricating oil and Mineral Oil	~C ₃₀	250-350 ^o	~10%
Resibuum	~C _{50 and up}	350 ^o	~25%

Although the boiling point of pure ether is -90^o, quantities of C1-C4 gases may be held in solution in petroleum at higher temperatures.