

gridlocks – can you unlock the grid?

Crude Oil

Before you answer the puzzles below fill in the table of fractions from crude oil using:

aeroplanes	diesel	engine oil	camping gas	roads
Fraction		Use		
refinery gases				
gasoline		cars		
naphtha		plastics, medicines and dyes		
kerosene		aeroplanes		
		lorries		
lubricating oil				
fuel oil		ships		
bitumen				

Gridlock 1

Each row, column and 2 x 2 box contains information about the first four fractions listed above. Use your problem solving skills and the answers in the table above to fill in the blank boxes.

fraction		uses	
refinery gases			aeroplanes
	kerosene		
		gasoline	naphtha
uses		fraction	

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Gridlock 2

Each row, column and 2 x 2 box contains information about each of the last four fractions in the table.

fraction		uses	
lubricating oil			
		roads	
		diesel	
	ships		
uses		fraction	

Gridlock 3

You will need to identify which four fractions are in this puzzle.

fraction		uses	
	bitumen		aeroplanes
			roads
cars			diesel
uses		fraction	