

PROPERTIES OF CRUDE OIL FRACTIONS

Paper: 2CR
Question: 3(a)(iii)

Example 1

Your mark

- Fraction B has larger molecules than Fraction E. Longer chain molecules in B.
- Fraction E has a lower boiling point than Fraction B.
- Fraction B is darker than Fraction E.
- Fraction B is more viscous than Fraction E. Fraction E is more runny.

Example 2

Your mark

The size of the molecules at fraction E are bigger than the molecules at fraction B, the boiling point is lower for E than for B, the colour of the fraction at B is darker while E is lighter and the molecules of fraction E have more viscosity than fraction B.

Example 3

Your mark

Fraction E is less reactive than fraction B, because it increases as they go down. The size of the molecules of E is less compared to B. Fraction B has a high boiling point. Fraction B has a high viscosity compared to fraction E.