

## Properties & Uses Of Crude Oil

1. How does the boiling point change as the number of carbon atoms change?

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2. How does the ease of ignition change as the number of carbon atoms change?

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3. How does the viscosity change as the number of carbon atoms change?

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4. What is petrol used for?

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5. What is kerosene used for?

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7. What is fuel oil used for?

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8. What is bitumen used for?

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9. Why is bitumen suitable for road and roof surfacing?

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## Boiling Point Trends Of Hydrocarbons

1. Do short chained hydrocarbons have lower or higher boiling points?

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2. Do long chained hydrocarbons have lower or higher boiling points?

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3. What is the relationship between the number of carbon atoms in hydrocarbons and their boiling points?

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4. What property allows the hydrocarbons in crude oil to be separated into their different fractions?

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5. What causes the boiling point to increase as the number of carbon atoms in hydrocarbons increases?

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6. What are hydrocarbons?

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