

How Chevron Makes Premium Base Oil

Narrator

In the first step, the crude comes into the refinery and you've got to remove, by distillation, what we call a lube fraction.

And that fraction, which is fairly high-boiling goes to the second step, where the ISOCRACKER upgrades the quality of that fraction using the catalyst.

In the third step it goes to the ISODEWAXER, which changes the structure of the wax in the fraction so that the oil will flow at low temperature.

And then in the fourth step, it goes to what we call a hydro-finisher, which improves the stability of the product so that it lasts longer in operation.

As a result, our base oil is water-crystal clear with a premium quality that can be used in a variety of applications.