**U-KACC Boiler**

**Product Description**
A boiler that can achieve mono-firing of combustion-resistant petroleum residues, such as petroleum coke and asphalt pitch, with no need for auxiliary fuel (electricity output: 36,000 kWe)

**Features**
- The U-shaped flue gas flow at the furnace bottom encourages ash to separate from the flue gas
- Ash discharges from the furnace bottom, reducing ash adhesion to heat transfer surfaces and dust clogging

Kawasaki’s proprietary KACC* technology achieves industry-leading efficiency in burning combustion-resistant petroleum residues left over from oil refining, thereby reducing NOx and dust emissions.

* KACC: Kawasaki Advanced Clean Combustion
Combustion technology that combines high-temperature deoxidation combustion with low-temperature oxidization combustion (U-KACC: Upgrade-KACC)

**Efficiently burns combustion-resistant petroleum residues from oil refining with reduced emissions of environmental pollutants**

Conventional boiler

<table>
<thead>
<tr>
<th></th>
<th>NOx</th>
<th>Dust</th>
</tr>
</thead>
<tbody>
<tr>
<td>Conventional</td>
<td>100%</td>
<td>100%</td>
</tr>
<tr>
<td>U-KACC Boiler</td>
<td>48%</td>
<td>22%</td>
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</tbody>
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22% reduction