Keep your business in motion with Exx-Wash process oil
Facing fouling challenges with process gas compressors?

- Lower compressor efficiency impacting production capacity?
- Increased energy consumption resulting in higher operating costs?
- Unreliable operations or breakdowns resulting in lost revenues?

With the recent shift toward lighter ethylene cracking feeds in North America, fouling problems have increased. Gas crackers specifically face fouling issues due to the low volume of heavier aromatic fluids formed during cracking. Furthermore, increased ethylene production from ethane has led to fewer internal heavy streams available for use as a wash oil.

Heavy aromatic fluids have a proven track record as effective compressor wash oils but have at times faced supply and availability challenges.
Keep your business in motion with Exx-Wash process oil

ExxonMobil Chemical has a solution to meet your needs: Exx-Wash™, a newly developed portfolio of tailored wash oils. Exx-Wash process oil is specifically designed to deliver an array of benefits for olefins manufacturers:

• Offers efficient cleaning due to strong solvency
• Provides a portfolio of products with a variety of boiling ranges to accommodate your specific operating conditions
• Minimizes corrosion and fouling due to very low sulfur levels and low “heavies” content
• Delivers consistent quality for process gas compressor operability and reliability optimization

In addition to acting as a solvent to remove foulants and clean process gas compressors, Exx-Wash™ process oils can be used in the cleaning of heat exchangers for dehydrogenation technologies including propane dehydrogenation. Exx-Wash can also be used as quench oils in naphtha crackers.

**Typical key properties**

<table>
<thead>
<tr>
<th>Properties</th>
<th>Exx-Wash 190</th>
<th>Exx-Wash 210</th>
<th>Exx-Wash 240</th>
<th>Unit</th>
<th>Test Method</th>
</tr>
</thead>
<tbody>
<tr>
<td>Aromatic Content</td>
<td>&gt;99</td>
<td>&lt;90</td>
<td>&gt;99</td>
<td>wt%</td>
<td>ASTM D1319</td>
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<tr>
<td>Mixed Aniline Point</td>
<td>15</td>
<td>24</td>
<td>12</td>
<td>°C</td>
<td>ASTM D611</td>
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<td>KB Value</td>
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<td>100</td>
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<td>ASTM D1133</td>
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<tr>
<td>Flash Point</td>
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<td>75</td>
<td>102</td>
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<td>ASTM D93A</td>
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<td>Initial Boiling Point</td>
<td>183</td>
<td>196</td>
<td>229</td>
<td>°C</td>
<td>ASTM D86</td>
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<tr>
<td>Final Boiling Point</td>
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<td>278</td>
<td>285</td>
<td>°C</td>
<td>ASTM D86</td>
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</tbody>
</table>
Our commitment

ExxonMobil Chemical strives to be your preferred supplier of modern hydrocarbon fluids by offering unmatched supply and service. From crude oil to finished product, the feedstock and raw materials required to produce hydrocarbon fluids are fully integrated in our plants across the world, improving supply reliability.

This full integration enables unique access to the feedstock. ExxonMobil Chemical is committed to the production of “on-purpose” heavy aromatic fluids.

Your business growth requires the reliable supply of consistent quality products, every time, everywhere. Our fully integrated manufacturing sites have the capacity and capability to deliver these products to meet your business needs. Our sales and technology experts have developed an unrivalled understanding of the fluid market and applications.

The next time you need modern hydrocarbon fluids to make daily life a little easier, consider ExxonMobil as your solution provider.