

Exx-Wash™

ExxonMobil

Keep your business
in motion with
Exx-Wash process oil

Energy lives here™



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?

A change in the landscape

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.

Before using
Exx-Wash™

Exx-Wash™
removing foulant



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ExxonMobil Chemical has a solution to meet your needs: Exx-Wash™, a newly developed portfolio of tailored wash oils.

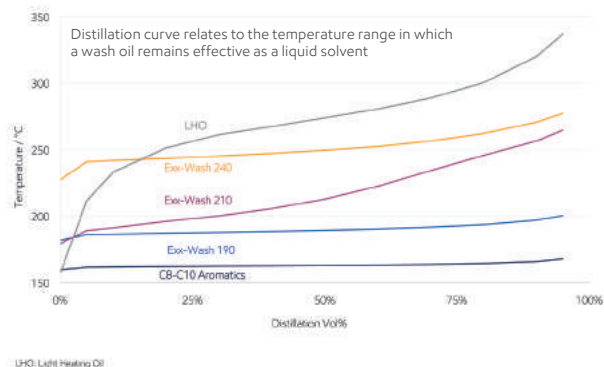
Exx-Wash process oil is specifically designed to deliver an array of benefits for olefins manufacturers:

- 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

Typical key properties

Properties	Exx-Wash 190	Exx-Wash 210	Exx-Wash 240	Unit	Test Method
Aromatic Content	>99 -	- 90	>99 -	wt% vol%	GC1 ASTM D1319
Mixed Aniline Point	15	24	12	°C	ASTM D611
KB Value	96	89	100	-	ASTM D1133
Flash Point	67	75	102	°C	ASTM D93A
Initial Boiling Point	183	196	229	°C	ASTM D86
Final Boiling Point	211	278	285	°C	ASTM D86

Typical distillation range (ASTM D 86)



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.

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.

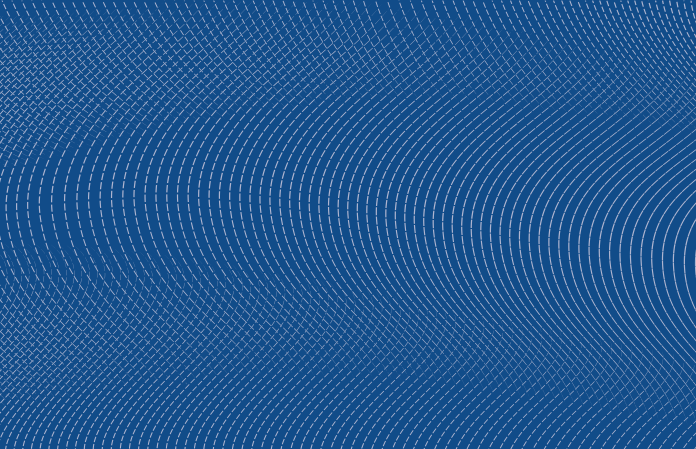
This full integration enables unique access to the feedstock. ExxonMobil Chemical is committed to the production of "on-purpose" heavy aromatic fluids.



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.





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