



EXXONMOBIL

JET OIL MADE ON LOCAL SOIL

**ONE IN TWO** airplanes in the sky are using a product that’s made by ExxonMobil right here in Port Allen, Louisiana. Mobil Jet Oil II is a jet engine lubricant that’s used in a wide variety of aircraft, including commercial and military, and it’s specifically designed to work under extreme operating conditions. In fact, ExxonMobil’s Port Allen Aviation Plant is the only producer of the Mobil Jet Oil product line in the world. While the plant produces three grades of Mobil jet oil, Mobil Jet Oil II is the most popular.

“The product is designed to have characteristics to help with the heat transfer from oil-cooled engine parts,” says James Wells, operations manager. “As the airplanes are flying in the sky, they’re subjected to extreme conditions. Ultimately, the Jet Oil is what is keeping the engines cool and operating within their design parameters.”

Wells explains that the manufacturing process is fairly simple and involves receiving raw materials into the Port Allen Aviation Plant via a dedicated fleet of rail

cars from the ExxonMobil Baton Rouge Chemical Plant. “We use a dedicated fleet, because it’s critically important that we keep the esters, or raw materials, clean and avoid any sort of contamination,” Wells says.

The esters go through a manufacturing process where they are blended with a series of additives. “We use an inline blending process, which continuously

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*– James Wells, ExxonMobil Operations Manager*

mixes the raw materials together at the right treat rate and ensures that we produce an on-specification and homogenous finished product,” Wells says.

Extensive lab testing happens along the way to ensure product quality. All raw materials are tested as they arrive to make

sure they match their specifications and there was no contamination in transit. After the blending process, further testing is conducted to make sure the finished product meets specification and is mixed properly. Testing is also conducted throughout the packaging process.

“We run a fairly major packaging operation here too,” Wells says. Jet Oil is mainly packaged in quart cans and 55-gallon drums; the plant has state-of-the-art mistake proofing equipment to ensure that packaging components are clean and have the right branding as part of this process.

“Our brand and product integrity standards are critically important for aviation products,” Wells says. “Our systems and highly competent operators ensure that we are putting out a perfect product, every time.”

“Myself, and all the team,” Wells says, “We have an immense amount of pride knowing that the job that we do is critical to society. The ongoing operation of our plant is critical to keeping people flying!”