

An oil for the long haul

Eastman Turbo Oil 2380™ brings stability in a harsh operating environment.

Customer

Widerøe

Location

Scandinavia

Industry

Regional airline

Website

<https://www.wideroe.no/en/all-about-us/about-wideroe>

Customer evaluation

Widerøe's locations in the Arctic Circle can produce some of the harshest operating conditions for all types of aircraft. Due to the dangerously cold temperatures and a constant threat of ice, the performance reliability of the aircraft may be more vital in this region than any other, thus requiring an oil that can perform well under these conditions.

Highlights

- Eastman Turbo Oil 2380 provides superior low-temperature characteristics, load-carrying capability, cleanliness, and elastomer compatibility to keep Widerøe's aircraft running at the highest performance level possible.
- Widerøe has depended on Eastman Turbo Oil 2380 in its engines for decades to complete more than 450 flights a day.

Contact

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The challenge

Widerøe is the largest regional airline in Scandinavia. For more than 80 years, Widerøe has been operating throughout the Arctic Circle to provide its customers with service to more than twice as many airports in Norway than any other airline. Operating from Bodø, Norway, the airline's fleet consists of 41 Bombardier Dash 8 turboprop aircraft, all of which must operate in conditions well north of home base and often to remote locations. These locations in the Arctic Circle can produce some of the harshest operating conditions for all types of aircraft. Due to the dangerously cold temperatures and a constant threat of ice, the performance reliability of the aircraft may be more vital in this region than any other.

The solution

Widerøe turned to Eastman Turbo Oil 2380 for its superior low-temperature characteristics, load-carrying capability, cleanliness, and elastomer compatibility to keep its aircraft running at the highest performance level possible.

"We operate one of the most experienced PW100/PW150 fleets in the world," said Kjell Litangen, engineering manager, Widerøe. "Coupled with the harsh conditions we operate in every day, we have to be constantly focused on the performance reliability of our aircraft."

The results

Widerøe has come to depend on Eastman Turbo Oil 2380 in its engines to complete more than 450 flights a day. "We have used Eastman Turbo Oil 2380 in our fleet for decades and have come to trust the reliability and proven performance of our aircraft while using the product," concluded Litangen.

The two companies have cultivated a strong and successful partnership over the years. According to Matt Stockum, sales director of Eastman Aviation Solutions, "Widerøe's extensive history in the region coupled with the proven reliability of Eastman Turbo Oil 2380 has cultivated a strong and successful partnership over the years. We look forward to supporting the company and their fleet well into the future."

About Eastman Aviation Solutions

Eastman Aviation Solutions, a dedicated team within Eastman Chemical Company, is an aviation fluids supplier that focuses on providing industry-leading products, technical resources, dedicated support, and improved service to the commercial and regional airline, corporate aviation, and helicopter industries. As a leading turbine oil and hydraulic fluid provider, Eastman Aviation Solutions combines their industry-recognized brands Skydrol™ aviation hydraulic fluids and SkyKleen™ aviation solvents with Eastman turbo oils, merging over a century of experience in aviation fluids and offering them to customers under one unique brand. Eastman delivers innovative products and solutions while maintaining a commitment of safety and sustainability to their global customer base. Serving approximately 100 countries, Eastman Aviation Solutions products are available throughout the world via approved distributors and direct sale opportunities. To learn more, visit www.EastmanAviationSolutions.com.

About Eastman Chemical Company

Eastman is a global advanced materials and specialty additives company that produces a broad range of products found in items people use every day. With a portfolio of specialty businesses, Eastman works with

customers to deliver innovative products and solutions while maintaining a commitment to safety and sustainability. Its market-driven approaches take advantage of world-class technology platforms and leading positions in attractive end markets such as transportation, building and construction, and consumables. Eastman focuses on creating consistent, superior value for all stakeholders. As a globally diverse company, Eastman serves customers in more than 100 countries and had 2017 revenues of approximately \$9.5 billion. The company is headquartered in Kingsport, Tennessee, U.S.A., and employs approximately 14,500 people around the world. For more information, visit www.eastman.com.

About Widerøe

Founded in 1934, Widerøe is the largest regional airline in Scandinavia, with a staff of 1,500 and turnover of NOK 3.5 billion. The company carries approximately 2.8 million passengers annually and flies to 48 domestic and international destinations, including summer routes. Widerøe operates more than 450 flights every day and operates to more than twice as many airports in Norway than any other airline. Today, Widerøe's network consists of 60% commercial routes and 40% Public Services Obligations (PSO) routes. For more information, visit <http://www.wideroe.no/en>.

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