



### Blow-by technology by UFI Filters for the new Cursor 16 TST engines

**Nogarole Rocca, 21 September 2023** – UFI Filters, a leader in filtration and thermal management, as well as hydrogen filtration technologies, designs and manufactures the blow-by filter for the new Cursor 16 TST (twin-stage-turbine) engine, the FPT 6-cylinder engine for 4WD off-road applications.

Designed to offer extraordinary performance even in the most demanding missions, the new top-of-the-range engine, with market-leading compactness and weight/power features, ensures reduced running costs, high performance and exceptional productivity. These features are also enhanced by UFI Filters' blow-by filtration technology, which filters and recovers oil aerosols generated by the engine in the combustion chamber. The filter plays a key role in reducing polluting emissions linked to crankshaft operation, preventing contaminating atmosphere emissions, such as carbon dioxide, nitrogen oxides and fine particles.

Blow-by, designed by UFI Filters for the Cursor 16 TST, is a rotary and self-cleaning filter, offering a filtration capacity over 90%. The filter has been developed with a multi-layer filtering media made of synthetic fibres - FormulaUFI.Micron - and a metallic mesh to ensure its full operation over time.

Presented in 1998, the Cursor range undergoes continuous improvements and currently meets the Stage V Tier 4B/Final standard. This engine is used in 4WD farm vehicles, offering high productivity in the hardest work situations and reduced emissions and consumption, especially in one of the best performing tractors ever, the new Case IH Quadtrac 715 (called the Steiger 715 in the US market), presented in August at the Farm Progress Show in Illinois - the largest US outdoor farming trade fair.

**Giorgio Girondi, Chairman of the UFI Filters Group, comments:** "UFI Filters' presence in the off-road heavy-duty vehicle sector is constantly increasing. With the blow-by filter for the Cursor 16 TST engine, 4WD farm vehicles can continue to work in an increasingly efficient way, while respecting the environment, ensuring the utmost engine protection, and reducing negative effects on the atmosphere to a minimum."

UFI Filters will be present at **Agritechnica 2023 in Hannover in Hall 16, C13** and display its latest developments in filtration and thermal management.

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## PRESS RELEASE

### UFI Filters:

Founded in 1971, UFI Filters is a global leader in filtration technology and thermal management solutions, as well as hydrogen filtration. It serves a wide range of sectors – from automotive, aerospace and marine, to specialised industrial and customised hydraulic applications. Renowned for its innovation, UFI's products and know-how are found in all kinds of vehicles – from Ferrari and other top F1 teams, to the European ExoMars spacecraft.

UFI supplies the full range of air, oil, fuel, cabin, hydraulic and coolant filters as well as thermal management systems (including heat exchanger for combustion, electric and hybrid vehicles) to the automotive sector, meeting the needs of nearly all car brands and motorcycles as well as commercial, heavy duty (on-road and off-road) and agricultural vehicles. In the OE market, UFI is a leading filtration provider. Each family of filters within the company's two Aftermarket brands, UFI and SOFIMA, covers 98% of the European car parc.

One of the first Italian companies to identify growth opportunities in the Far East, today UFI has 21 industrial sites and employs over 4,000 people in 21 countries. It employs over 250 specialised technicians in its 3 Innovation and Research Centres and holds more than 280 patents. As a research-driven company, it reinvests over 5% of its revenues in R&D.

### **More information:**

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### **Images attached:**

UFI Filters blow-by filter for the FPT Cursor 16 engine

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