



## UFI Filters confirms leadership in filtration systems for Formula 1, supplying 9 out of 10 teams

- Nine out of ten teams present in Formula 1 racing use UFI Filters filtration systems to guarantee reliability and safety for the single-seaters
- Each car is fitted with around fifteen UFI filter elements, which perform essential functions in the fuel and lubrication circuits of the combustion engine, in the hybrid component and the hydraulic systems of the brakes, and in DRS and steering
- Experience in Formula 1 and other motorsport categories, such as the WEC and MotoGP, makes UFI Filters an indispensable partner for manufacturers in the transition to new forms of mobility

Nogarole Rocca, 27 February 2024 – UFI Filters, a leading international group in the field of filtration. thermal management and technologies for the development of hydrogen mobility, has cemented its position as a top producer of filtration systems by supplying nine of the ten teams competing in the 2024 Formula 1 season, which starts on 2 March with the Bahrain Grand Prix.

The announcement is a prestigious recognition of the technologies developed by the High-Tech Division of UFI Filters, founded in 1999, and for the company, which has seen a continuous series of successes in the motorsport's top category since 1978.

In Formula 1, UFI Filters does not limit itself to providing teams with oil, air and petrol filters. The complexity of today's racing cars also demands up to fifteen filter elements in a car. In total, UFI produces around 8,000 such F1 filters annually.

### **Tailor-made solutions**

For Formula 1, each filter is tailor-made for the needs of the different teams, with customised solutions provided in terms of size and materials used (which can include medical aluminium, carbon fibre and titanium). Their design requirements are the result of a co-design process between technicians in UFI Filters' High-Tech Division and the individual racing teams. Often, during the course of the season, updates and modifications to the filters are also requested by the teams, based on the developments gradually introduced in the cars.

The filters used for the cars can be subdivided, according to their location.

Filters for combustion engines are located in the air intake, in the fuel supply and lubrication circuits. These are high-tech filters, which must not only trap dust and chips, but also any contaminants that may form in the special petrol used in Formula 1. The engine oil circuit also requires adequate



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protection: in addition to the main filter, there are secondary filter elements, and several 'last chance filters', which act on the recovery pumps.

- The filters in the hydraulic circuits play an essential role in driver safety. Their presence in the systems that preside over the hydrodrive, the activation of the mobile rear wing (the DRS) and the braking circuit are fundamental.
- The hybrid system with which the single-seaters are equipped, involves the presence of an energystorage battery, the temperature of which must remain within an optimal range: dielectric fluids are used for its cooling, the filtration of which is guaranteed by UFI Filters.

### Not just Formula 1

UFI Filters has accumulated a great deal of experience in motorsport, starting as early as the second half of the 1970s. Today, UFI Filters filtration systems are present not only in Formula 1, but also in many other motorsport categories. In particular, in the World Endurance Championship (WEC) they are on board the Ferrari 499P, the winner of the Le Mans 24 Hours 2023, and the 296 GT3, as well as Lamborghini and Isotta Fraschini Hypercars. UFI Filters also supplies the heat exchanger for the front electric axle of the Isotta Fraschini Tipo 6 LMH, which increases the efficiency and reliability of the system. This is proof of the advanced technologies developed by UFI Filters, which is not only a leader in filtration systems, but also plays an significant role in Thermal Management, an area of increasing importance due to relevance of eaxle temperature management.

UFI Filters are also used by all Formula 2 and American IndyCar single-seaters built by Dallara.

In motorcycling, UFI Filters supplies its products to MotoGP (for Aprilia and KTM), Moto 2, Moto 3 and Superbike.

### Italian pride

"It was 1978", recalls **Giorgio Girondi, Chairman of the UFI Filters Group**, "when UFI Filters won its first Grand Prix in Great Britain with Carlos Reutemann's Ferrari 312 T3, inaugurating a long series of triumphs. Since then, through sacrifice, dedication and passion, we have been able to develop customised solutions for the needs of nine out of ten Formula 1 racing teams. In light of this, we are continuing towards our goal of winning all the teams within the next two seasons. This is a source of great pride for our company, which is increasingly perfecting the advanced technologies that will also characterise the important transition which the automotive industry is undergoing".



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#### 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.

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Images attached: UFI Filters High Tech Division, filter range for Formula 1

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