

A WINNING COMPANY



A 30-YEAR SUCCESS STORY

UFI Filters Hydraulics, founded in 1992 in Bolgare, in the north of Italy, is the branch of the UFI Filters Group dedicated to hydraulics filtration solutions.

For 30 years, UFI Filters Hydraulics has specialised in the design and manufacturing of a comprehensive line of hydraulic filters, filter elements, spare parts and accessories, with the aim to create innovative and sustainable solutions in hydraulic filtration and to meet, at the same time, the requirements of the most demanding operating environments and applications.

UFI Filters Hydraulics daily journey consists in studying customers' filtration problems and sharing with them its worldwide experience, to ensure a safe and constant cleanliness level thereby creating reliable, proven and highly efficient hydraulics, both in mobile and stationary applications.

In 2022, UFI Filters Hydraulics acquired all of the shares of Friedrichs Filtersysteme GmbH, gaining access to a new world with several additional markets, and extending its portfolio with new products and patents: duplex fluidtech® series of

filters, deltaP® differential pressure indicators, air-oil mist separators for big generators, silencers for air compressors, water filters for marine and industry and other filtration units and breathers for several sectors, including wind power generation, mining and chemical industry.

UFI Filters Hydraulics daily journey consists in studying customers' filtration problems and sharing with them its worldwide experience, to ensure a safe and constant cleanliness level thereby creating efficient and reliable hydraulics.

UFI Filters knows the basis of filtration and masters the best filtering materials to make it work at best.

The company counts now six types of FormulaUFI:

FormulaUFI.Extreme
FormulaUFI.Stratiflex
FormulaUFI.Micron
FormulaUFI.Web
FormulaUFI.H20
FormulaUFI.Cell

UFI FILTERS HYDRAULICS IN NUMBERS



Founded in 1992, it's now a world leader in hydraulic technology



4 production plants and over 180 employees in 6 countries worldwide



6

6 application sectors: from heavy duty, industrial and power generation to special applications



6 lines of filter supplied: suction, return, pressure, off-line, trasmissions, air

ENGINEERED FILTRATION SOLUTIONS



MOBILE HYDRAULIC APPLICATIONS

The supply of reliable hydraulic power to vehicles serving the arduous requirements of the construction industry safeguards the system utilisation and the productivity levels, thus enabling vehicle fluid power systems to achieve exceptional performance and avoiding the expensive, time-consuming issues associated with unplanned downtime, maintenance and repair. UFI Filters Hydraulics has the knowledge and the engineering technology to master these issues with more than 6,000 references for mobile applications: agriculture, construction, heavy duty and material handling. In particular, UFI Hydraulics developed a new layout of green element series that prolongs the replacement intervals and means a reduction in labor, material and disposal costs. For these reasons, many well-known construction vehicle manufacturers and end users have placed their trust in UFI Filters Hydraulics' ability for many years, both in Original Equipment and in Aftermarket.

STATIONARY HYDRAULIC APPLICATIONS

UFI Filters Hydraulics has earned a solid reputation for quality and cost-efficient products also for CNC machines, presses, power generation, wind power applications and industrial hydraulic systems. UFI Hydraulics products meet the hydraulic-system requirements of maximum protection, with high efficiency and constant stability. High-performance microfibers filtration media, with high voids-volume, warrant validated levels of dirt-holding capacity, coherent with the economic extended machinelife and service-intervals demanded by the market. UFI Hydraulics developed some specific series for return and off-line applications to meet also the most demanding requirements to respect the environment and reduce polluting components in the hydraulic systems. These ecofriendly series presents coreless filter elements, that weigh up to 60% less than comparable elements with metal end caps and cores. combine environment compatibility with UFI certified quality, lightweight layout and easy service and can be used in a variety of lube & hydraulic systems such as wind power generation and industrial manufacturing, representing a high-performance solution for several hydraulic applications.

HYDRAULIC SECTORS



HEAVY DUTY

Trucks, buses, road building machines etc.



MATERIAL HANDLING

Forklifts, port machining, vertical lifts etc.



AGRICULTURAL

Tractors, combined harvesters, mixers, sprayers etc.



CONSTRUCTION

Excavators, backhoe loaders, dumpers, telehandlers etc.



INDUSTRIAL

Primary metal, ceramic presses, plastic presses, etc.



POWER GENERATION

Wind power generation, genset, oil & gas etc.



UFI GROUP

HEADQUARTER

• UFI Filters S.p.A. Nogarole Rocca (IT)

21 PRODUCTION SITES

- UFI Filters S.p.A. (Nogarole Rocca, IT)
- UFI Filters S.p.A. (Marcaria, IT)
- UFI Filters Hydraulics S.p.A. (IT)
- Plastic Technology S.p.A. (IT)
- Friedrich Filtersysteme GmbH (DE)
- UFI Filters Czech s.r.o. (CZ)
- UFI Filters Poland Sp Zoo (PL)
- Sofima Filters S.A (TN)

- UFI Filters do Brasil LTDA (BR)
- UFI Filters México, S de RL de CV (MX)
- UFI Filters India Pvt. Ltd (Bawal, IN)
- UFI Filters India Pvt. Ltd (Belgaum, IN)
- Sofima Filters India Pvt. Ltd (Bahadurgarh, IN)
- Sofima Automotive Filter Shanghai Co, Ltd (CN)
- UFI Filters Shanghai Co, Ltd. (CN)
- Sofima Industrial Filter Shanghai Co, Ltd (CN)
- Sofima Automotive Filter Changchun Co, Ltd (CN)
- Sofima Trading Shanghai Co, Ltd (CN)
- Sofima Automotive Filters Chongqing (CN)

OPENING SOON

1 PRODUCTION SITES

• UFI Filters Aftermarket India (IN)

3 INNOVATION CENTERS

- UFI Innovation Center S.r.I. (IT)
- UFI Innovation Center India Pvt. Ltd (IN)
- UFI Filters Shanghai Co, Ltd (CN)

MORE THAN 50 COMMERCIAL OFFICES WORLDWIDE



HYDRAULICS DIVISION

HEADQUARTER

• UFI Filters S.p.A. Nogarole Rocca (IT)

5 PRODUCTION SITES & SALES

- UFI Filters Hydraulics S.p.A. (IT)
- Friedrichs Filtersysteme GmbH (DE)
 UFI Filters India (IN)
- Sofima Industrial Filter Shanghai Co, Ltd (CN)
- UFI Filter Korea Co, Ltd (KR)

1 INNOVATION CENTER

• UFI Innovation Center S.r.I. (IT)

6 COMMERCIAL OFFICES

- Saarbrucken (DE)
- UFI Filters United States (US)
- UFI Filters do Brasil LTDA (BR)
- UFI Filters Go Brasil LIDA (BR)
 UFI Filters Korea Co, Ltd. (KR)
 UFI Filters Australia Pty Ltd (NSW)
 UFI Filters Mexico (MX)

HYDRAULICS IN WIND TURBINE

Wind energy is the most efficient technology to produce energy in a safe and environmentally sustainable way. In order to have a secure and sustainable future, wind turbines need to be running economically and require reliable and durable operation.

As hydraulic systems represent a substantial part of each turbine, it is important to implement an effective filtration program, in order to reach the following goals:

- + Prevent the damage of sensitive and expensive components
- + Extend maintenance intervals and reduce costs
- + Increase the reliability of pitch control and yaw systems and gearboxes

For this reason, selecting the best supplier for the most critical hydraulic components is a matter of paramount importance.

UFI Filters Hydraulics has the necessary filtration technology and background to manufacture the hydraulic components **to meet OEM, OES and independent aftermarket requirements** for wind power generation application.

1 HYDRAULIC PITCH CONTROL

Hydraulic pitch systems provide robust and reliable control of power and speed of modern wind turbines. The pitch control serves not only to optimise the power output but also to protect the wind turbine against excessively high wind speeds.

UFI Filters Hydraulics complete filters and spare parts ensure optimum power output by keeping the pitch hydraulic system clean and efficient.

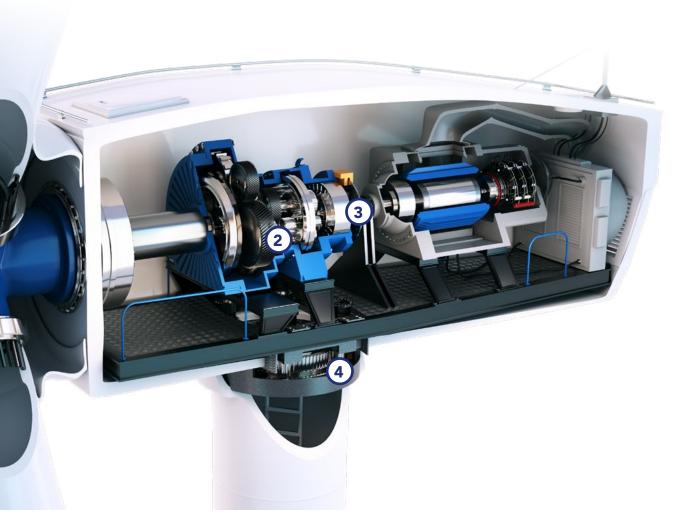


2 GEARBOX

The gearbox is a critical component in a wind turbine that helps convert rotational energy into electrical power and is one of the most expensive components, accounting for 15% of the wind turbine's total cost. Gearbox failures lead to the most significant downtime experienced as well as the most costly.

UFI Filters Hydraulics complete filters and spare parts maintain lubrication and filtration systems in good condition, minimise failure rates and reduce costs.





(3) HYDRAULIC BRAKE SYSTEM

The braking system ensures that the wind turbines yaw and main shaft remains reliable and in safe control. Effective braking prevents permanent damage to turbine's structures in high wind speeds, and keeps the service team safe during maintenance. The hydraulic brake system is based on a hydraulic system that allows controlled revolutions in all weather conditions. UFI Filters Hydraulics range includes flexible and reliable solutions to protects wind turbines braking system.

4 AZIMUTH DRIVE

The azimuth drive orients the nacelle towards the wind to ensure optimum turbine utilisation. Wind turbines must be aligned optimally to the wind in order to prevent extreme loads and allow a cost-effective operation.

UFI Filters Hydraulics complete filters and spare parts ensure that the wind turbines yaw and main shaft remains reliable and in safe control.



RELIABLE PRODUCTS FOR THE MOST **DEMANDING OPERATING ENVIRONMENT**

UFI Filters Hydraulics, thanks to more than 25 years of experience in hydraulic filtration, guarantees the necessary filtration technology and background to manufacture complete filters, spare parts and accessories specifically designed for the Wind Power Generation sector, in order to meet the most demanding OE, OES and independent aftermarket requirements.

UFI Filters Hydraulics products offer **definite and reliable performance**, that are considered strategic features when the machines involved in the maintenance operate in particularly contaminated contexts and difficult environmental conditions

PLUS

- + High degree of filtration
- + Extended filter lifetime
- + Longer service interval
- + High reliability
- + Wide range of tailor-made solutions

UFI Hydraulics components are designed to be **compact**, **lightweight** and **easily serviced**, yet providing at the same time **exceptional service life** to work properly in the most demanding of operating environments.



UFI Filters Hydraulics offers well-engineered solutions to protect wind turbines by helping to avoid malfunctions and the fallout of control devices. UFI's hydraulic products **improve the productivity and the reliability of renewable energy sources**, for on-shore and off-shore wind turbines, by ensuring permanent and failure-free operations.



HIGH PRESSURE FILTER MANIFOLD MOUNTING

The high pressure FPL series offers a wide range of possible combinations, housing dimension and lengths, together with several filtration degree options, thus ensuring:

- specific ideal configuration for each wind turbine
- · optimal assembly cost
- reduced overall dimensions, as well as piping and adaptor fittings required to protect sensitive components, thanks to direct side mounting on manifolds



FPL

RETURN LINE TANK TOP FILTRATION

Return Line filters remove the contaminants from the oil used for lubrication, for this reason FRA and FRF series are key elements for the filtration of wind turbines:

- · compact and lightweight layout
- inside to outside filtration for FRF series
- · smooth and cost effective operation



FRA FRF

9



OFFLINE FILTRATION

UFI Hydraulic Offline FOF Series allows for independently controlled offline filtration of the hydraulic oil 24/7, thus safeguarding:

- improved lifetime on all components
- improved lifetime of hydraulic oil
- efficient continuous offline filtration of the hydraulic oil and increased earnings



FOF

DOUBLE AND TRIPLE STAGE FILTER ELEMENTS

Double and Triple stage filter elements are specifically designed for wind turbine application and are used to filter lubricants even under cold start conditions. UFI Hydraulics 2-Stage elements consist of two separate filter elements designed in series in order to secure a filtration even if the bypass opened under low temperature conditions and thus guides the oil through the element and over the security filter. These special elements guarantee:

- a certain level of filtration even under the hardest conditions
- low initial differential pressure,
- high dirt holding capacity and filtration performance due to multi-layer glass fiber technology





WATER REMOVAL FILTER ELEMENTS

Used in combination with the other hydraulic filters, Hydro Dry water removal filter elements provide significant benefits:

- less component wear
- · reduced downtime
- improved machine productivity
- less replacement and disposal of contaminant fluid
- reduced risk of failure



HYDRO DRY

HIGH PRESSURE SPIN-ON

UFI Fortimax high pressure spin-on elements are designed to fit in many different type of housing and are ideal for the most demanding wind power applications as they allow:

- initial lower clean pressure drop
- superior system protection
- extended filter life resulting in longer change intervals





AUXILIARY FILTRATION SYSTEM

UFI Filters Hydraulics Portable filtration systems can support the filtration system of the wind turbine, thus improving the operational efficiency, productivity, and reliability of the most critical assets.

The UOW series is the ideal way to prefilter and transfer fluids, on site or on the spot.

Especially in demanding operating applications, fluid should be filtered prior to use, as contamination may be introduced during processing, mixing, handling and storage.

Moreover, the portable filtration system, as UOW, is the most efficient and economical way to extend fluid life.

Main purposes of the auxiliary filtration systems are:

The UFI Filters Hydraulics UOW series is designed with particular attention to the corporate values of sustainability, promoted by the vision of the UFI Filters Group.

The filter element is designed to meet the most demanding requirements of respect for the environment and reduction of polluting components of the hydraulic system and presents the following characteristics:

- **coreless structure**, which requires the replacement of the filter media only, eliminating the internal metal support, thus reducing materials waste
- **lightweight layout**, as the weight of the element is significantly reduced compared to the standard version with internal support
- easy maintenance and replacement with reduced leakage of environmentally polluting fluid

The filter element, having a wide filtration area and excellent efficiency features, is available with FormulaUFI.MICRON, from 5 to 21 μ m(c) (β x > 1.000) and FormulaUFI.H2O

PLUS

- + Clean hydraulic fluids prior to system fill
- + Supplement existing system filtration
- + Decrease cleanup time
- + Transfer fluids from drums or storage tanks to system reservoir
- + Condition fluid in use
- + Remove free and emulsified water from a system





UOW040 UOW022



LUBRICATION FILTERS

UFI Filters Hydraulics has the know-how and the experience to to design specific solutions for lubrication systems.

The new WLB series for gear box lube oil systems helps wind turbines operating at peak efficiency. Since the gearbox is the heart of the wind turbine and represents more than 10 percent of the overall cost and since fluid contamination is a huge contributing factor to gearbox failure, an efficient filtration and lubrication of the system is increasingly considered a strategic factor in the wind power generation sector.

UFI Filters Hydraulics lubrication filters and elements play a crucial role in removing contaminants within hydraulic and lubrication systems:

- Helping achieve fluid cleanliness
- Prolonging the life of the components and the oil itself
- Enabling smooth operation of wind turbines
- Reducing expensive repairs and unplanned maintenance.

The key component of UFI lubrication products is the latest generation FormulaUFI.MICRON filter element. Low pressure loss and high dirt holding capacity enable the use of highly viscous oils with simultaneously long service lives, thus achieving the following goals:

PLUS

- + High efficiency filtration
- + Tailor-made dirt holding capacity
- + Low initial pressure drop
- + Lasting performance over time









OPTIMAL WIND TURBINE PROTECTION

ECOFRIENDLY FILTER SERIES

UFI hydraulics developed a specific series to meet also the most demanding requirements to respect the environment and reduce polluting components in the hydraulic system. GRF series presents:

- coreless filter elements, that combine environment compatibility with UFI certified quality
- lightweight layout
- easy service



IRF

HYDRAULIC OEM ALTERNATIVE FILTER ELEMENTS

UFI Filters Hydraulics manufactures a wide range of lube oil filter elements, designed to upgrade any filtration system thanks to FORMULA.UFI media, the industry-leading media optimized for long life in wind turbines of all sizes. UFI Hydraulics alternative elements ensure:

- · high dirt-holding capacity
- · low pressure drops and high beta ratio
- clean lube oil supply to the gearbox in order to minimise replacement intervals





AIR BREATHERS

UFI Hydraulic air breathers are placed on hydraulic reservoirs and gearboxes to prevent atmospheric contamination from entering and ensure:

- optimal air movement inside the reservoirs
- **pressure equalization** inside the chamber



DESICCANT BREATHERS

Wind turbine Desiccant breathers are a key component designed to protect lubricant quality, widely used in gearboxes, storage tanks, transformers and hydraulic stations. UFI Hydraulics Air Sentry desiccant breathers not only filter solid contaminants from the air entering sensitive equipment, but also remove moisture from the entering air to keep the oil clean and dry.

Main advantages:

- **3-stage filtration design** to ensure optimum protection
- clean and dry air in the system
- water absorption up to 40% of its weight



AIR SENTRY



UFI FILTERS HYDRAULICS PN	MAIN APPLICATION	MAIN CROSS REFERENCES
503.0152.6	Repower transmission systems - Wind turbine type: various	HYDAC 8.1000R10BN4/-V-B3.5-KE25 INTERNORMEN 01.NR1000.32227.10VG.25G.25.B.VS1 MAHLE 70520669
ASE11XFC	Siemens hydraulic circuit - Wind turbine type: SWT-3.6, SWT-1.3, SWT-2.3	SIEMENS A9B00026879
CBC21S00WNCCW	Vestas hydraulic circuits - Wind turbine type: various	HYDAC ELFP7F10W10 MAHLE PI0126MIC VESTAS 109101
DPX0160NFB	Vestas hydraulic circuits - Wind turbine type: various, V82	HYDAC 0160DN006BN/HC MAHLE PI22016DN VESTAS 60096498
DPX0160NFC	Wind turbines type: various	HYDAC 0160DN010BN/HC MAHLE PI23016DN
DPX0400NFA	Vestas hydraulic circuits - Wind turbine type: V80, V82, V90	HYDAC 0400DN003BN/HC MAHLE PI21040DN VESTAS 130513
DPX0400NFB	Vestas hydraulic circuits - Wind turbine type: various	HYDAC 0400DN006BN/HC MAHLE PI22040DN VESTAS 130515
DRX1000FFB	Repower transmission systems - Wind turbine type: various	HYDAC 1000RN006BN/HC-V INTERNORMEN 01NR10006VG10BV
DRX1000NFB	Vestas Hydraulic circuits - Wind turbine type: V100, V105, V110, V112, V116, V117, V120, V126, V136, V150, V155, V47, V52, V66, V80, V90	HYDAC 1000RN006BNHC MAHLE PI22100RN VESTAS 130539
DRX1000NFC	Vestas transmission systems - Wind turbine type V100, V105, V110, V112, V116, V117, V120, V126, V136, V150, V155, V47, V52, V66, V80, V90	HYDAC 1000RN010BN/HC MAHLE PI23100RN VESTAS 130539



UFI FILTERS HYDRAULICS PN	MAIN APPLICATION	MAIN CROSS REFERENCES
DRX1000NFD	Vestas transmission systems - Wind turbine type V52 - V90	HYDAC 1000RN025BN/HC MAHLE PI25100RN VESTAS 130538
EPB12NHD	Siemens hydraulic circuit - Wind turbines type: various	SIEMENS A9B10252090
EPB13NTD	Siemens hydraulic circuit - Wind turbine type: SWT-2.3	HYDAC 1.07.08D25WHC-210BAR SIEMENS A9B00026877
EPB31NFD	Siemens hydraulic circuit - Wind turbines type: various	HYDAC 1.11.04D25BN4 SIEMENS A9B10111008
EPB33NFC	Siemens hydraulic circuit - Wind turbines type: various	SIEMENS A9B00026917
EPE10NCC	Vestas hydraulic circuits - Wind turbine type: various	HYDAC 7.10D10P VESTAS 60120435
EPH0015NFC	Senvion Wind Turbines and General Electric Brake HPU - Wind Turnbines GE 1.5	GENERAL ELECTRIC 107W8558P001 HYDAC 0015D010BN/HC SENVION 34884
EPH0030NFC	General Electric hydraulic circuit - Wind Turnbines: various	GENERAL ELECTRIC T52320011310 HYDAC 0030D010BN/HC MAHLE 890001SM10
EPH0240NFB	Vestas Hydraulic circuits - Wind turbine type: V82	HYDAC 0240D005BN/HC VESTAS 60096499
EPH0280NFC	General Electric hydraulic circuit - Wind Turnbines: various	GENERAL ELECTRIC T52320111410 HYDAC 0280D010BN/HC
EPH0660NFD	Vestas hydraulic circuits - Wind turbine type: various	HYDAC 0660D020BN/HC MAHLE 890024SM16 VESTAS 2888900
EPN1370NFA	Siemens hydraulic circuit - Wind turbine type: various	HYDAC 1.07.04D03BN4 SIEMENS A9B00026100 VESTAS 60104029

KEY PRODUCTS AND CROSS REFERENCE

UFI FILTERS HYDRAULICS PN	MAIN APPLICATION	MAIN CROSS REFERENCES
EPO21NFB	Vestas hydraulic circuits - Wind turbine type: various	VESTAS 60067838
EPO37NFC	Vestas/Gamesa transmission systems - Gearbox filter - Wind turbine type G47, G52, G87	MAHLE PX37-13-2-SMX10 GAMESA ENERGY GP018876 GAMESA ENERGY P611006 HYDAC 2.37MA010BN4 MAHLE HC35 VESTAS 109062
EPX2108NFA	Vestas & NEG Micon hydraulic circuits - Wind turbine type V27, V29, V39, V42, V47, V52, V44, V66, NM48, NM52	GAMESA ENERGY GP130552 HYDAC 2.080D03BN4 MAHLE PI2108PS3 VESTAS 130552
EPX2111NFA	Vestas Hydraulic circuits - Wind turbine type: V66, V80, V90	HYDAC 2100D03BN4 MAHLE Pl2111PS3 VESTAS 130557
EPX2115NFA	Gamesa hydraulic circuits - Wind turbine type: various	GAMESA ENERGY 130553 HYDAC 2.150D03BN4 MAHLE PI2115PS3
EPX2130NFA	Gamesa and Vestas hydraulic circuits - Wind turbine type G97, G42, G44, G47, G48, G52, G58, G80, G83, G87, G114 - V80	GAMESA ENERGY 50846 GAMESA ENERGY GP139201 HYDAC 2.300D03BN4 MAHLE PI2130PS3
EPX3130NFC	Vestas & Gamesa hydraulic circuits - Wind turbine type: various	GAMESA ENERGY 50850 GAMESA ENERGY GP139202 HYDAC 2.300D10BN4 MAHLE PI3130PS10 VESTAS 130512
ERA52NFA	Siemens hydraulic circuit - Wind turbines type: various	SIEMENS A9B00026959
ERF34NFA	Siemens hydraulic circuit - Wind turbine type: SWT-2.3	SIEMENS A9B00026878



UFI FILTERS HYDRAULICS PN	MAIN APPLICATION	MAIN CROSS REFERENCES
ERF44NFC	Siemens transmission systems - Main online gear box - Wind turbine Type SWT 1.3>2.3	HYDAC 6.17.42R10BN4 SIEMENS 26894 SIEMENS A9B00026894
ERH0165NFC	Vestas hydraulic circuits - Wind turbine type: various	HYDAC 0165R010BN/HC VESTAS 6066153
ERH1300FFC	Gamesa and General Electric hydraulic circuits - Wind turbine type: various	GAMESA ENERGY GP069601 GENERAL ELECTRIC T52320162312 HYDAC 1300R010BN/HC-V
ERH1300NFB	Gamesa Gearbox Lube - Wind turbine type: GE1.5	GAMESA ENERGY GP069596 HYDAC 1300R005BN/HC
ERH1300NFC	Various Acciona, Senvion, Siemens and Vestas V82 Wind Turbines	ACCIONA 1022630 ARGO-HYTOS V3.1449-56 HYDAC 1300R010BN/HC MAHLE 890033SMX10 SENVION A9BSEN18088 SIEMENS A9BAD405372 VESTAS 60076343
ERH2600NFC	General Electric hydraulic circuit and Suzlon gearbox lubrication system - Wind Turnbines: various, S88	GENERAL ELECTRIC WND20093ALT HYDAC 2600R010BN/HC
ESF21NFC	Vestas, NEG Micon, Micon hydraulic circuits - Wind turbine Type: V66, V47, V42, V29, V27, V25, NM72, NM44, M1500, V52	HYDAC 0160MA010BN MAHLE HC28 VESTAS 109050
ESF22NFC	General Electric hydraulic circuit - Wind Turnbines GE 1.5	FAIREY ARLON R750H0812A GENERAL ELECTRIC T51040000021 HYDAC 0180MA010BN
ESF22NFD	Vestas Hydraulic circuits - Wind turbine type: V82	FAIREY ARLON R750H0825A HYDAC 0180MA020BN VESTAS 60065318



UFI FILTERS HYDRAULICS PN	MAIN APPLICATION	MAIN CROSS REFERENCES
IRF34NFA	Siemens hydraulic circuit - Wind turbine type SWT-2.3	FAIREY ARLON TXWL8C2 HYDAC 6.05.19R03ECON2 SIEMENS A9B00026211
IRF34NFC	Siemens hydraulic circuit - Wind turbines type: various	FAIREY ARLON TXWL8C10 HYDAC 6.05.19R10ECON2
SPD8330NFC	General Electric gearbox - Wind turnbines type: various	GENERAL ELECTRIC 109W1537P001 HYDAC 1.06.30.D12BN4/- KE50 PALL HC8300FKS30H-YC11
SRH1300FFB	Gearbox oil filters for wind turbine	HYDAC 1300R005BN4HC/-V-B4-KE50
SRH1300FFC	General Electric gearbox - Wind Turnbines GE 1.5	GENERAL ELECTRIC 107W2148P001 HYDAC 1300R010BN4HC/-V-B4-KE50
SRH1300NFC	Gearbox oil filters for wind turbine - Wind turnbines type: various	ARGO-HYTOS K3.1449-66 HYDAC 1300R010BN4HC/-B4-KE50
SRH2200FFB	Gearbox oil filters for wind turbine - Wind turnbines type: various	HYDAC 2200R005BN4HC/-V-B4-KE50
SRH2200FFC	Gearbox oil filters for wind turbine - Wind turnbines type: various	HYDAC 2200R010BN4HC/-V-B4-KE50
SRH2600FFB	Gearbox oil filters for wind turbine - Wind turnbines type: various	HYDAC 2600R005BN4HC/-V-B4-KE50
SRH2600FFC	Vestas hydraulic circuits - Wind turbine type: various	HYDAC 2600R010BN4HC/-V-B4-KE50 VESTAS 29097601
SRH2600NFC	Vestas hydraulic circuits - Wind turbine type: various	ARGO-HYTOS K3.1493-66 HYDAC 2600R010BN4HC/-B4-KE50 SHANGHAI ELECTRIC B3000242











The proper maintenance of the hydraulic systems and the accurate cleanliness of the hydraulic system are key factors in achieving the best performance of a wind turbine while bringing down the maintenance and running costs.

All UFI Hydraulics elements are made with FORMULA.UFI media, in order to provide high levels of fluid cleanliness while maintaining low pressure drop characteristics.

Company with quality management system certified by DNV ISO 9001 - IATF 16949

Company with environmental system certified by DNV ISO 14001

UFI FILTERS HYDRAULICS S.P.A.

Via S. Chierico, 24 - Bolgare (BG) - Italy T +39 0354493831 - F +39 035843743 info.ufihyd@it.ufifilters.com - www.ufihyd.com

UFI FILTERS INDIA PVT LTD.

Plot no .D-222/ 47 ,T.T.C M.I.D.C Shirwane | Nerul Navi - Mumbai - 400706 - India T +91 2220875755 - M +91 8744071920

UFI FILTERS KOREA LIMITED

42, Hwanggeum 3-ro, Yangchon-eup | Gimpo-si, Gyeonggi-do, 10048 - Korea T +82 319861341 - F +82 319861349

UFI FILTERS DO BRASIL LTDA

Av. Prefeito Luis Latorre, 9450 Galpão 15 | Distrito Industrial Jundiaí | São Paulo Zipcode: 13209-430 Brasil | T. +55 11 2923-6554

FRIEDRICHS FILTERSYSTEME GMBH

Lothforster Benden 2 - 41849 Wassenberg - Germany T.+49 2432 9660-0 - F +49 2432 9660-90 info@friedrichsfilter.de - www.friedrichsfilter.com

UFI FILTERS USA INC.

50 W. Big Beaver Road, Suite 440 | Troy, MI 48084 - USA T. +1 (248) 525-0551

SOFIMA INDUSTRIAL FILTER SHANGHAI CO, LTD

Floor 1, building 2, No.128, Yuantong Road, Datuan Town, Pudong new district, Shanghai City, 201314 Shanghai | China | T +21 39792688

UFI FILTERS AUSTRALIA PTY LTD

Level 10, 171 Clarence Street, 2000 Sydney (NSW) T. +61 (0) 406 579 305

UFI FILTERS MEXICO, S. DE R.L DE C

Camino Vecinal #1300 Parque Industrial VYNMSA 2 Ramos Arzipe, Coahuila, Mexico CP 25905 T. +52 1 844 4848 582