225 – 375 KVA RANGE

Performance I Durability I Serviceability

F G WILSON

Uninterrupted power is essential to everyday modern life, FG Wilson is here to be your power moving forward.

Our latest product range from 225 – 375 kVA offers practicality and functionality whilst continuing to provide quality and reliability. Whether you need prime or standby power you are ideally equipped with FG Wilson and our expert local support.

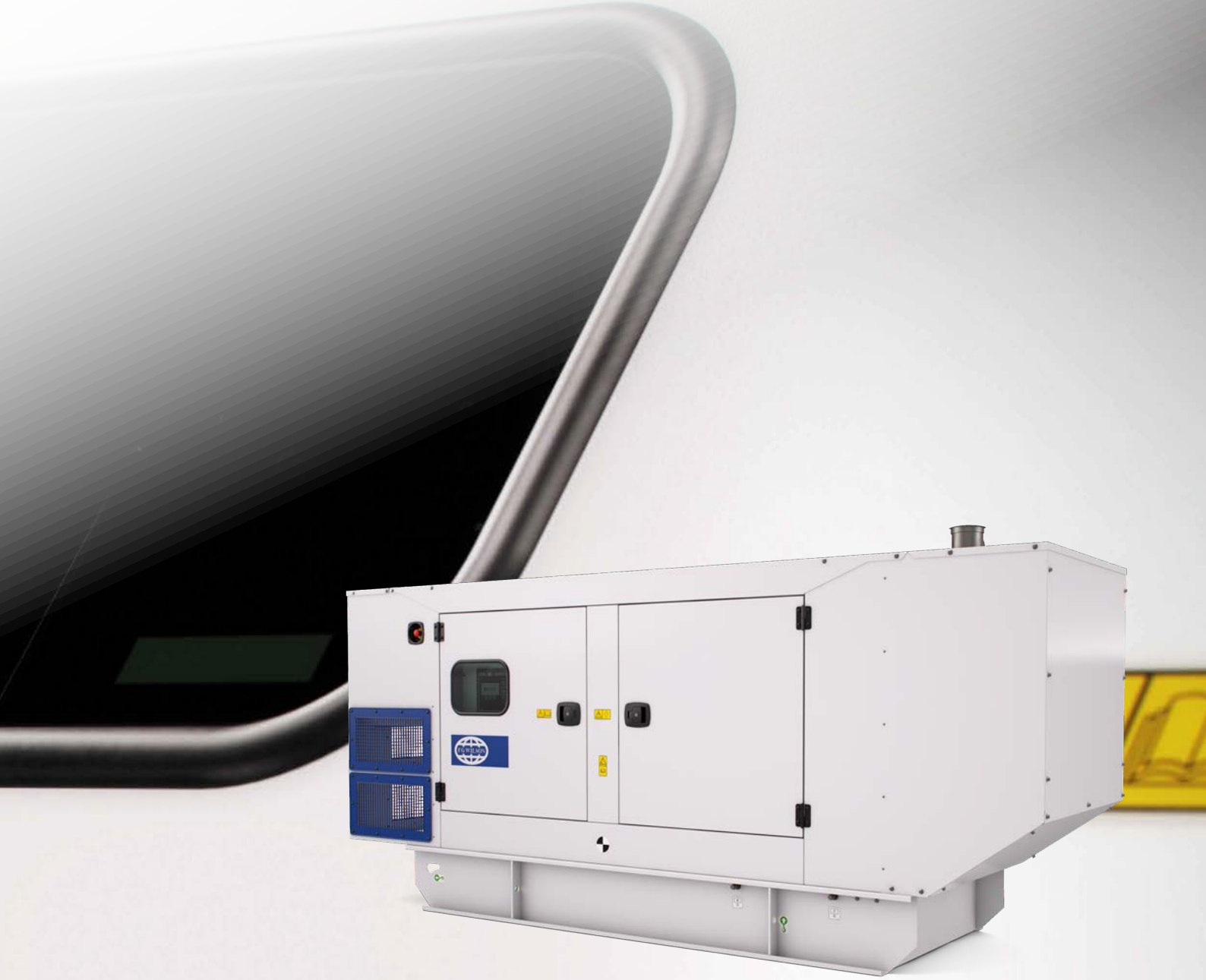
We have everything you need to be your...

...power moving *forward*

Powered by a Perkins engine providing world class **power density** coupled with an **industry leading** alternator the **225 – 375 kVA Range** can be relied upon to support your needs.

The range is available with both **fuel-optimised** and **EUIIIa complaince** offerings. A rugged galvanised enclosure provides **excellent protection** from the elements while **user friendly,** FG Wilson digital panels allow simple power control.

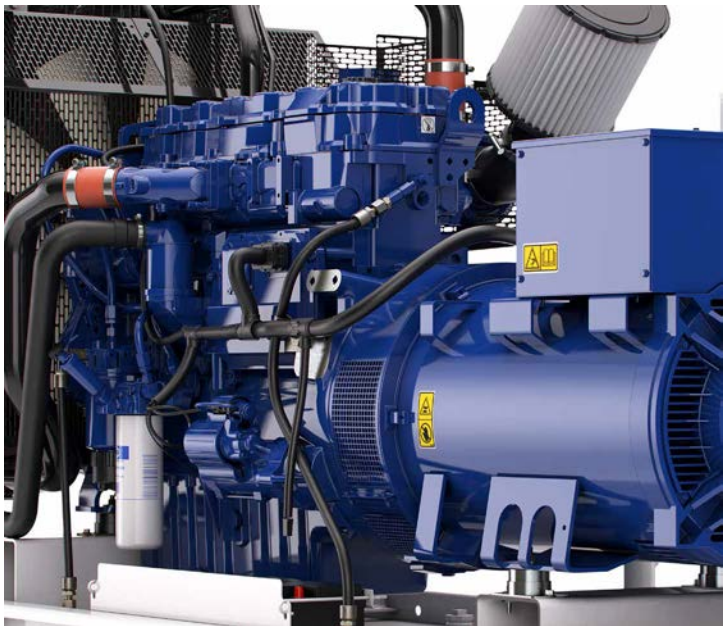
All this, backed by a **world class** Dealer network, our new range meets your essential criteria.



FG WILSON

Open Set Range

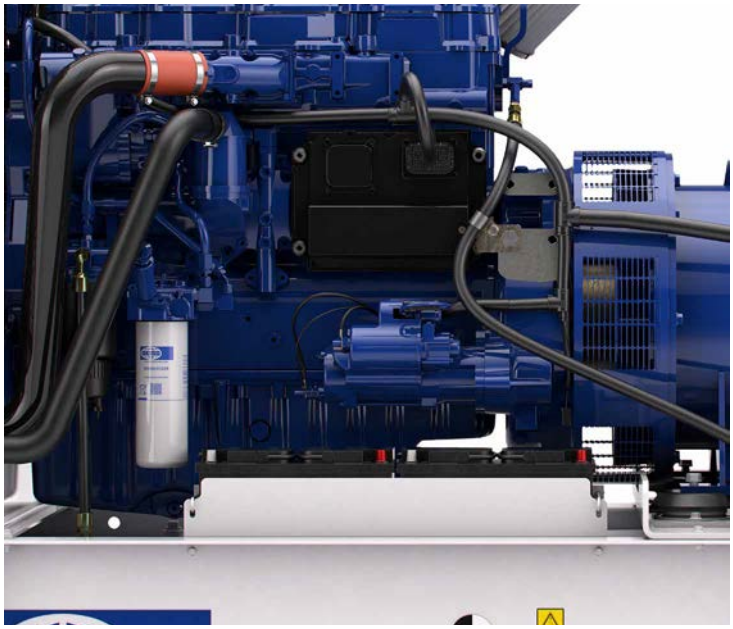
This new range employs the power and efficiency you come to expect from the world-renowned Perkins engines. The 225 – 375 kVA Range is designed with fuel optimisation in mind for a wide range of industry sectors including data centres, healthcare and retail.



The 1500 Series Perkins engines provide reliable power suitable for a wide range of applications and markets. Combined with the Marelli & Leroy Somer alternators, providing Ingress Protection IP23 as standard, a trusted performance is guaranteed.

Cable access is gained directly underneath the control panel for ease of installation with the control panel tower providing full access to all components and wiring.

Designed for 8 hours running at full load in prime applications, the compact base frame provides drag and lifting points as standard, aiding transportation and installation.



Servicing and maintenance is fast and efficient with easily accessible components. Oil and coolant drains provide convenient service accessibility while the fuel fill and gauge are positioned together for easy fill and monitoring.

The base frame provides a solid foundation within a compact footprint. Constructed from high-grade, heavy-duty steel and further protected by powder coat paint, ensuring durability and maximum corrosion resistance.

The robust steel enclosure structure is protected by advanced powder coat paint and can be further protected with a galvanised steel. Additionally, safeguarding against handling damage has been achieved thanks to the base frame extending beyond the enclosure. Installation and servicing is quick and easy with removable side hinged doors and lift-off end panels providing optimal access, complemented by easily accessible fuel transfer connection points.

Enclosed Set Range

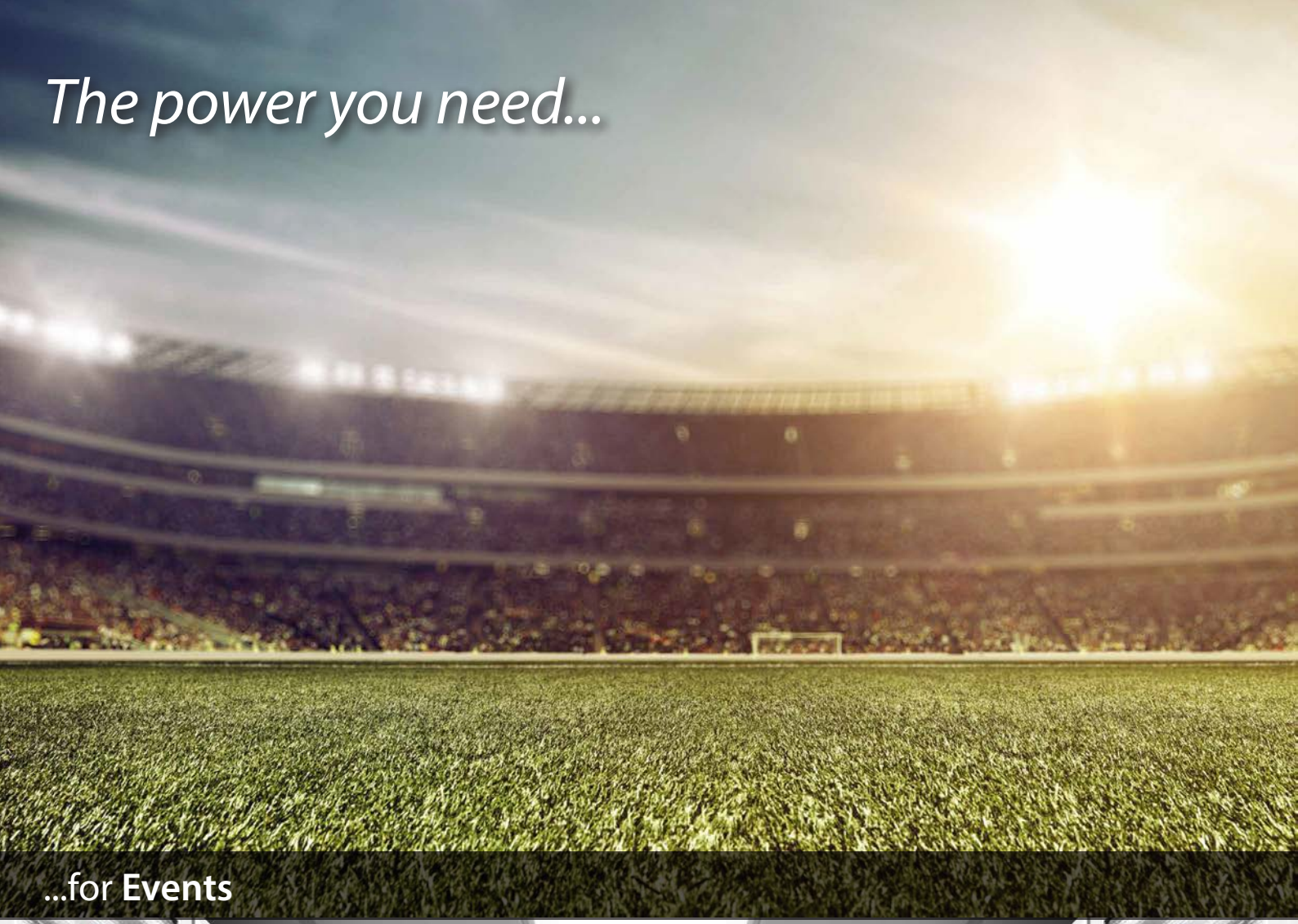
The enclosures ensure a high quality generator set with sound attenuation and protection suitable for a diverse range of applications. The strong, clean design of the enclosure is available in either mild or galvanised steel, allowing you to customise the range to suit your needs.

Side hinged doors, on each side of the enclosure, provide ample access to all necessary components during installation and servicing. Lift-off hinges enable the doors to be removed at an angle of 90°, facilitating easy servicing in confined installation spaces.

Robust, lockable latches ensure a flush (secure) door seal with the enclosure frame helping to protect your investment against vandalism and theft.

Generator set running conditions can be easily monitored via the large viewing window with an additional emergency stop button conveniently located beside the control panel on the outside of the enclosure. Cable access is gained directly underneath the control panel via the end of the base frame.

Unique modular air handing units, manufactured from a high-grade composite material, optimum corrosion resistance whilst contributing to a reduction in noise output.


The power you need...
...for Events

...for Datacentres

...for **Retail**

...for **Healthcare**

Technical Data

225 – 375 kVA Range

225 – 375 KVA MODELS										
Model	Engine	Alternator	50 Hz				60 Hz			
			Prime		Standby		Prime		Standby	
			kVA	kW	kVA	kW	kVA	kW	kVA	kW
P249-5	1506A-E88TAG2	MJB 250 LA4	-	-	-	-	225	180	250	200
P250-5	1506A-E88TAG2	MJB 250 LB4	230	184	250	200	-	-	-	-
P275-2*	1506D-E88TAG4	MJB 250 LB4	250	200	275	220	-	-	-	-
P275-5	1506A-E88TAG3	MJB 250 LB4	250	200	275	220	-	-	-	-
P300-4*	1506D-E88TAG4	FG26A230	275	220	300	240	-	-	-	-
P300-5	1506A-E88TAG4	FG26A230	275	220	300	240	-	-	-	-
P313-5	1506A-E88TAG3	MJB 250 LB4	-	-	-	-	281.3	225	312.5	250
P330-5	1506A-E88TAG5	FG26A250	300	240	330	264	-	-	-	-
P344-5	1506A-E88TAG4	FG26A250	-	-	-	-	312.5	250	343.8	275
P375-4*	1506D-E88TAG4	FG26A250	-	-	-	-	337.5	270	375	300
P375-5	1506A-E88TAG5	FG26A250	-	-	-	-	337.5	270	375	300

*EUIIIa

Ratings are based on maximum generator set output – this may vary depending on voltage code selected.

DIMENSIONS				
	Open Set			
Model	Length (mm)	Width (mm)	Height (mm)	Weight (kg)
P249-5	2662	1071	1818	2056
P250-5	2662	1071	1818	2096
P275-2	2662	1071	1818	2096
P275-5	2662	1071	1818	2096
P300-4	2662	1071	1818	2110
P300-5	2662	1071	1818	2110
P313-5	2662	1071	1818	2096
P330-5	2662	1071	1818	2261
P344-5	2785	1071	1818	2261
P375-4	2785	1071	1818	2261
P375-5	2785	1071	1818	2261

*EUIIIa

Technical Data

225 – 375 kVA Range

DIMENSIONS								
	L1				L1 HA			
Model	Length (mm)	Width (mm)	Height (mm)	Weight (kg)	Length (mm)	Width (mm)	Height (mm)	Weight (kg)
P249-5	3900	1200	1867	2423	3975	1400	2032	2770
P250-5	3900	1200	1867	2463	3975	1400	2032	2810
P275-2*					3975	1400	2032	2810
P275-5	3900	1200	1867	2463	3975	1400	2032	2810
P300-4*					3975	1400	2032	2854
P300-5					3975	1400	2032	2854
P313-5	3900	1200	1867	2463	3975	1400	2032	2810
P330-5					3975	1400	2032	2854
P344-5					3975	1400	2032	2854
P375-4*					3975	1400	2032	2854
P375-5					3975	1400	2032	2854

DIMENSIONS				
	L2			
Model	Length (mm)	Width (mm)	Height (mm)	Weight (kg)
P249-5	3975	1400	1950	2770
P250-5	3975	1400	1950	2810
P275-2*	3975	1400	1950	2810
P275-5	3975	1400	1950	2810
P300-4*	3975	1400	1950	2854
P300-5	3975	1400	1950	2854
P313-5	3975	1400	1950	2810
P330-5	3975	1400	1950	2854
P344-5	3975	1400	1950	2854
P375-4*	3975	1400	1950	2854
P375-5	3975	1400	1950	2854

*EUIIIa

Standard Features

225 – 375 kVA Range

Fully adjustable electronic governor	Lube oil drain valve
Engine mounted battery charging alternator	BSP fuel sockets
Engine mounted fuel and water separator	Battery connection cables, tray and clamp
Low oil pressure protection	3-POLE circuit breaker and power loom
High water temperature protection	Exhaust stub pipe
Air filter	Single piece exhaust (enclosed only)
Alternator	Radiator fan and charging alt guards
Coastal insulation protection and RFI filter*	50% antifreeze (protection to -36oC)
AVR	
Robust steel constructed baseframe	
8hr fuel tank	
Sloped top plate for fluid run off*	
Baseframe drag and lift points	
Coolant drain valve	

*Model Dependent

Optional Features

225 – 375 kVA Range

ENGINE/BASEFRAME MOUNTED ACCESSORIES

- Electronic Governor (Full Electronic Engine)
- Lead-Acid Battery (Dry)
- Battery Isolator Switch
- Silencer options
- Single Element Cannister Air Cleaner

FUEL SYSTEM ACCESSORIES

- Skidbase, 8 hour and 24 hour tanks
- Single Wall & Dual Wall Fuel Tanks
- Heavy Duty Fuel Tanks
- Low Fuel Level Shutdown 2 3 4
- Fuel Level Alarm
- Fuel Level Sender and Level Display 5
- Manual Fuel & Lube Oil Pumps

ENCLOSURES

- Level 1 Sound Attenuated Enclosure
- Level 1 High Ambient Sound Attenuated Enclosure
- Level 2 Sound Attenuated Enclosure

*Model Dependent

ALTERNATOR OPTIONS

- Anti-Condensation Heater and Panel Circuitry
- Quadrature Droop Kit
- Permanent Magnet
- 3 Phase Sensing
- Alternator upgrade to IP23
- Coastal Protection
- Auxiliary Winding (3 Phase Sensing + Digital Voltage Regulator)

COOLING SYSTEM ACCESSORIES

- High Ambient Radiator
- Low Coolant Alarms
- Coolant Heater

If you have any specific requirements not detailed above please contact your local Dealer to discuss your customisable options

ONE Global Standard

FG Wilson has built its reputation on providing you with reliable, fuel-efficient diesel and gas generator sets.

Our ONE Global Quality Standard ensures that every FG Wilson generator set is designed and manufactured to the highest UK standards. With world-class production processes replicated at all our manufacturing facilities, each achieving ISO 9001 and ISO 14001 certification, we deliver a quality product every time.

With worldwide logistics that span the globe, and a distribution network of 370 Dealers in over 150 countries, we provide reliable power and ongoing support when and where you need it.

Production line, China.

Engineering Centre of Excellence, Northern Ireland.

ONE
GLOBAL STAND

www.FGWilson.com

FG WILSON MANUFACTURES PRODUCT IN THE FOLLOWING LOCATIONS:

NORTHERN IRELAND • BRAZIL • CHINA • INDIA • USA

WITH HEADQUARTERS IN NORTHERN IRELAND, FG WILSON OPERATES THROUGH A GLOBAL DEALER NETWORK.

TO CONTACT YOUR LOCAL SALES OFFICE PLEASE VISIT THE FG WILSON WEBSITE AT WWW.FGWILSON.COM.

FG WILSON IS A TRADING NAME OF CATERPILLAR (NI) LIMITED.

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