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Welcome

I'm pleased to present the latest edition of Connections – Perkins' exclusive newsletter for India.

It's been a busy few months for the Perkins team coming off the back of a very successful Excon exhibition where we exhibited our new CPCBIV+ engines and many others from our wider industrial range.

This edition looks back at the exhibition, as well as featuring more information on our CPCBIV+ offering and another exciting new offering for the region, the 2600 Series. We also highlight our distributor activities and how you can keep up to date with Perkins' activities in India.



Anurag Pai,
marketing
manager
South Asia

This is my first issue as editor of Connections, so I hope you enjoy it and please keep sending me your comments and story ideas to IPSD_India@perkins.com

Perkins at Excon 2023

Held at the Bangalore International Exhibition Centre (BIEC) Bengaluru in December 2023, Excon was a perfect opportunity for Perkins to showcase its wide range of power solutions for the industrial and electric power generation industries.

Aside from the launch of the CPCBIV+ certified 2806FA-E18TAG1 and 2806FA-E18TAG2, the Perkins stand exhibited a range of industrial diesel engines, thousands of which are supplied to Indian OEMs, and subsequently exported to more than 76 countries.

Aside from engines, the Perkins stand also focused on the parts, service and support coverage provided by its distributors in territory, through Power Parts in North and East India and Gmmco Power in South and West India. Their nationwide coverage means access to genuine Perkins parts and expert service and advice is never far away from a Perkins-powered machine.

Abhinav Gupta, general sales manager – South Asia said: "Excon 2023 was a great opportunity to showcase our new power solutions

to customers, end users and the wider construction industry. There was a lot of interest on the stand

and many positive discussions were held, which we're excited to take forward this year and next."



New Perkins® 2806FA-E18TAG CPCBIV+ certified engines for India

Perkins has introduced CPCBIV+ certified engines designed specifically for the Indian electric power generation industry.

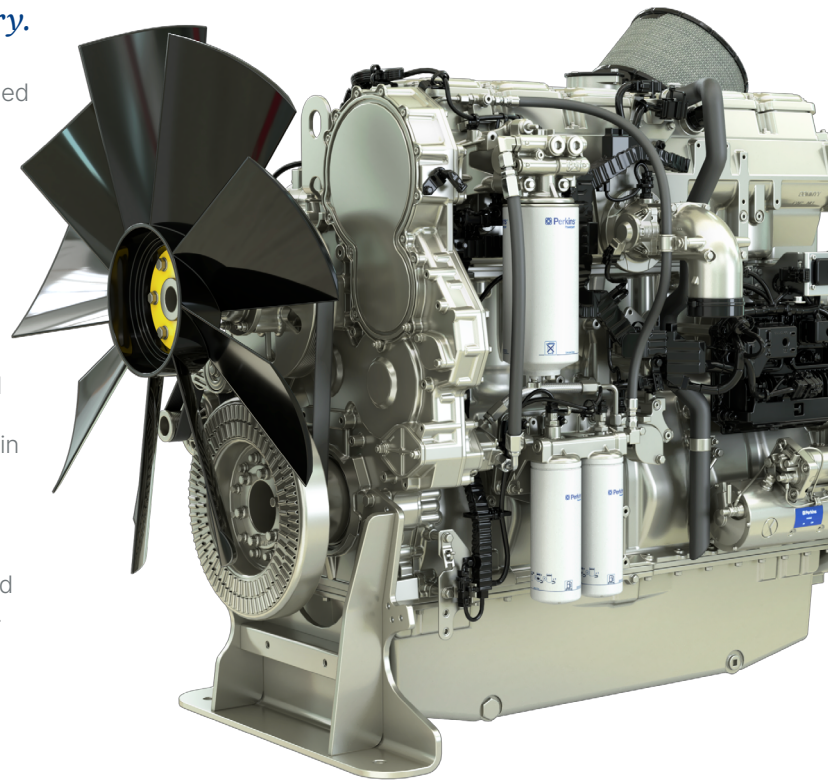
Perkins has announced new 2806FA CPCBIV+ certified ratings for the Indian electric power generation industry. The platform will cover two key power nodes, with the 2806FA-E18TAG1 providing up to 477 kW mechanical power at 50 Hz while the 2806FA-E18TAG2 delivers up to 595 kW mechanical power at 50 Hz. With over 90 years of design experience and more than 3 million Perkins-powered generator sets operating around the world, Perkins understands the needs of the power generation industry. This knowledge and expertise have driven the design and development of the 2806FA-E18TAG, a new engine developed specifically for India that will also be built in country, at our Hosur facility.

The 2806FA platform provides excellent cold load acceptance and meets ISO 8528-5 class G2 performance. Steady state stability at constant speed and load achieves ISO8528-5 class G3 performance. This performance makes the 2806FA ideally suited to a wide range of electric power applications. From a stationary prime source of power to a mobile unit serving the rental sector, the 2806FA performs seamlessly, generating dependable power for everything from jobsites to critical installations including hospitals and data centres.

The 2806FA is economical as well, with an improvement in fuel efficiency over its CPCBII predecessor and with an excellent diesel exhaust fluid to fuel ratio, the 2806FA helps control the cost of operation. The high efficiency selective catalytic reduction (SCR) aftertreatment is paired with a 66-litre diesel exhaust fluid tank that enables extended run time between fills.

Keeping the power on.

“Reliable electric power is not an option, it’s a fundamental need to keep operations running, whether that’s for standby when the mains power fails or to meet onsite prime power requirements,” says Abhinav Gupta, general sales manager – South Asia. “Our engines are engineered and expertly crafted to provide reliable, stable and sustainable power for our customers, with the new 2806FA being the latest in a long line of products that also deliver a low total cost of ownership for our customers in India.”



For generator manufacturers and end users looking to reduce their greenhouse gas emissions, the 2806FA can, subject to the fuel used meeting Perkins’ fuel specifications*, run with biodiesel up to B20 based on a 20 percent dilution of biodiesel with standard diesel or on 100 percent hydrotreated vegetable oil (HVO).

Helping generator set end users maximise their investment.

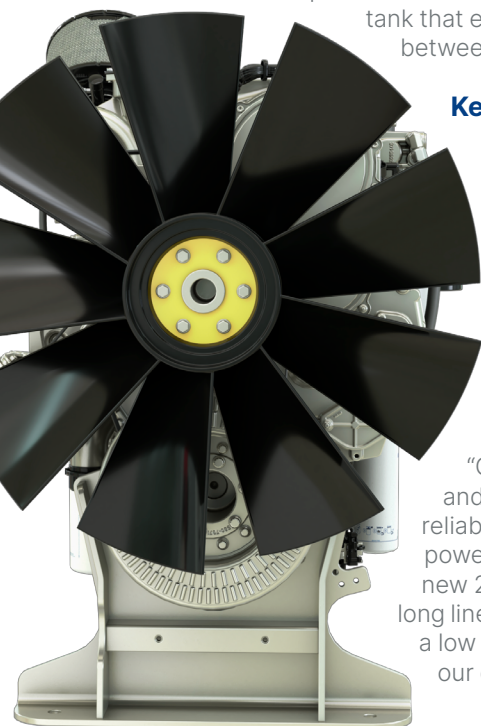
The 2806FA produces up to 595 kW mechanical at 50 Hz. The engine features the latest electronics with a single, on-engine electronic control module (ECM) that simplifies wiring harnesses, eases installation, supports future diagnostics and is fully capable of integration with customers’ telematics solution. The ECM also manages all aspects of aftertreatment operation without operator input.

Together, we power ahead.

The new 2806FA-E18TAG1 and 2806FA-E18TAG2 join the Perkins full line up of power solutions developed to meet the reduced emissions needs of customers around the world.

As with all Perkins engines, the new 2806FA is supported by the global support network of 88 distributors covering 185 countries, ensuring stable and sustainable electric power when customers need it, where they need it and how they need it. 🌍

* FUELS MUST MEET THE SPECIFICATIONS AND CHARACTERISTICS DESCRIBED ON WWW.PERKINS.COM IN ORDER TO BE USED IN PERKINS ENGINES AND REDUCE THE RISK OF DOWNTIME.



Pictures: New Perkins® 2806FA-E18TAG CPCBIV+ certified engines for India have been announced at Excon 2023.

Perkins extends life and restores performance of 1100 Series engines with new line of repair sleeves

Perkins has introduced a new line of repair sleeves for its 1100 Series engines, enabling end users to return cylinder bores to like-new performance while avoiding the downtime, expense, and waste of a full engine overhaul.


Available now worldwide, the Perkins® 1100 Series repair sleeves allow technicians to restore individual cylinders to their factory dimensions, allowing the original, standard-sized pistons to be retained and maintaining proper engine balance. This process significantly reduces the amount of material removed from the block, helping to extend the life of the original casting while minimising shop time and waste.

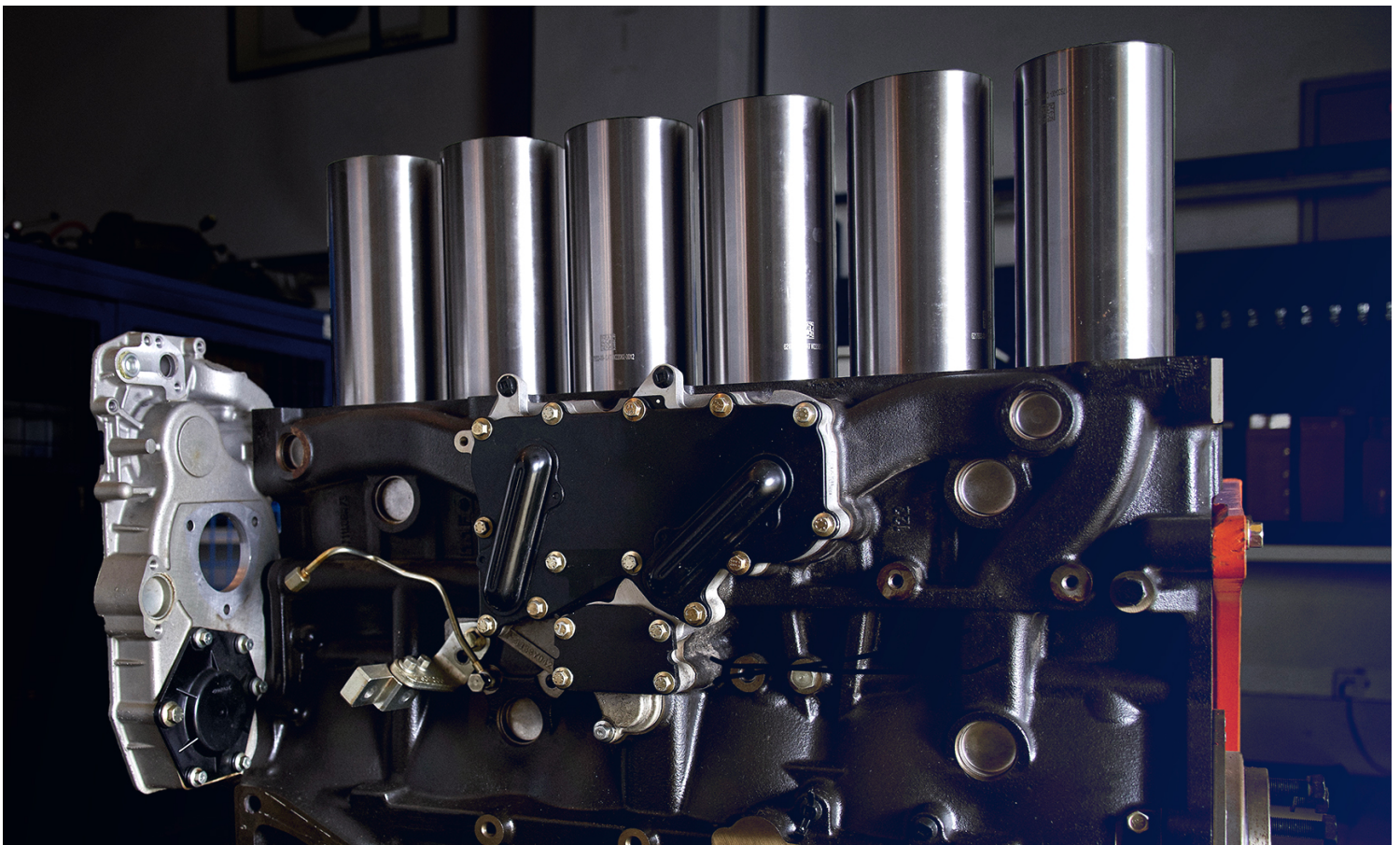
The repair sleeves are composed of the same material as the engine block to match the wear, thermal and machining characteristics. They have been validated by Perkins engineers for optimal stability and durability through physical accelerated wear tests, simulation analysis, and material analysis and specification.

The repair sleeves are suitable for 1100 Series engines configured on off-highway equipment and power solutions in the field since 2003. Offering power output up to 205 kW (275 horsepower), Perkins 1100 Series engines are used on applications such as tractors, chippers, grinders and other off-highway equipment, small generator sets and small marine propulsion systems.

“As the complexity and expense of engine overhauls have risen over time, equipment owners have requested a flexible, cost-effective solution that enables them to extend operational lifetimes with minimal downtime for service,” said Richard Hemmings, Perkins aftermarket general manager. “This innovative solution for one of our most prevalent engine lines illustrates how our continuous collaboration with customers helps them overcome the challenges they face every day.”

Genuine Perkins parts are engineered and tested to the latest factory specifications to support as-new quality and performance. Reliable, genuine parts are designed to return Perkins engines to peak performance for maximum uptime and reduced ownership costs.

1100 Series engine repair sleeves are available through the Perkins global distributor network, which offers a full suite of genuine support and service that help improve performance, longevity and lower total cost of ownership. Services include genuine parts, oil, coolant, fluid testing, engine inspections, preventative maintenance, the Perkins® Platinum Protection extended warranty, and the expertise of fully trained technicians. 





Together, we power ahead

The ninth Perkins Customer Excellence Council was held in Amritsar in January.

The event was attended by 36 people from our distribution network, Perkins generator set OEMs and the local India team, representing sales, A&I, aftermarket, factory, product support, and service engineering.

This council's primary goal is ongoing collaboration between the various parties to provide customers with the best possible experience in terms of owning and operating a Perkins-powered set. 🌐



Keep in touch with Perkins

We hope you're enjoying reading the latest issue of Connections. This quarterly magazine aims to bring you up to speed with what's been happening in India, but if you want more timely updates from Perkins then there are a number of ways you can follow what we're doing.

www.perkins.com/india is a dedicated area where we publish the latest happenings in India, so we recommend you visit the page at least once a month.

Of course our social channels are a great way to stay informed on our latest news.

Here are some quick links to find and follow our pages:

[LinkedIn](#)

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