

NTN-SNR and TotalEnergies Join Forces for Mobility

Paris, June 17, 2021 - NTN-SNR, a world leader in precision engineering, and TotalEnergies' Lubricants department, a major player in the production and distribution of lubricants, are renewing their mutual commitment by signing several strategic partnerships in the mobility sector.



Based on a long-standing professional relationship, NTN-SNR and TotalEnergies' Lubricant department are pooling specific expertise for the purpose of optimizing the lubrication of bearings developed to meet the challenges of new mobilities and reducing their carbon footprint.

Within the framework of this collaboration, experts from NTN-SNR and TotalEnergies' Lubricant Division are working on various projects, developing solutions that are more reliable, more innovative and fully consistent with the new requirements of aircraft and automotive manufacturers.

Technical discussions are simplified by the proximity of the two research centers—Annecy for NTN-SNR and Solaize, south of Lyon, for TotalEnergies, with ease of access to testing resources and analysis and development labs.

"In electric gear motors for vehicles, our bearings are subjected to new operational constraints that are particularly extreme. We need to keep improving our understanding so that we can devise new protective solutions and guarantee reliability for the best cost", explained Christophe Nicot, CTO NTN Europe.

"For nearly a century, TotalEnergies' Lubricants Division has been a central partner for industry and the automotive sector. In renewing our partnership with NTN-SNR, we are offering them innovative, high-performance products and services that comply with the most stringent

certifications and standards, which will help them to reduce their carbon footprint“, said Pierre Duhot, TotalEnergies' Lubricants Division 's Chief Executive Officer.

About NTN-SNR

NTN-SNR BEARINGS is a division of NTN Corporation. NTN Corporation, with a turnover of more than 5.7 billion euros, is one of the world's leading designers, developers and manufacturers of bearings (3rd worldwide) and transmission seals (2nd worldwide). NTN Corporation is present in all industrial, automotive and aerospace markets. The acquisition of SNR ROULEMENTS in 2007 by the NTN Corporation group has enabled the latter to strengthen its presence in Europe and its position as a world leader. NTN in Europe employs nearly 7,000 people and has 15 production sites, including 7 in France.

www.ntn-snr.com

About TotalEnergies' Lubricants business

TotalEnergies is a leading global manufacturer and marketer of lubricants, with 42 production sites around the world and more than 5,800 employees in 150 countries. TotalEnergies' Lubricants business offers innovative, high-performance and environmentally friendly products and services, developed by its R&D centers, which employ over 130 researchers. TotalEnergies' Lubricants business is a key partner for players in the automotive, industrial and marine markets.

lubricants.totalenergies.com
elf.com

About the Marketing & Services division of TotalEnergies

TotalEnergies' Marketing & Services business segment offers its professional and private customers a wide range of broad energy products and services—petroleum products, biofuels, charging and related services for electric vehicles, gas for road and maritime transportation—to support them in their mobility and help them reduce their carbon footprint. Every day, over 8 million customers visit our 16,000 service-stations all over the world. As the world's number four in lubricants, we design and sell high-performance products for the automotive, industrial and maritime sectors. And to provide the best response to the needs of our B2B customers, we deploy our sales forces, our international logistics network and our diverse offering. We operate in 107 countries, where our 31,000 employees stand close to all of our customers.

About TotalEnergies

TotalEnergies is a broad energy company that produces and markets energies on a global scale: oil and biofuels, natural gas and green gases, renewables and electricity. Our 105,000 employees are committed to energy that is ever more affordable, clean, reliable and accessible to as many people as possible. Active in more than 130 countries, TotalEnergies puts sustainable development in all its dimensions at the heart of its projects and operations to contribute to the well-being of people.

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