

BPCL Flags Off First Extreme Weather Grade (XWG) Diesel Rake from Bina Refinery to Power Indian Army's High-Altitude Operations

Bina, Madhya Pradesh | 17 August 2026: Bharat Petroleum Corporation Limited (BPCL), a Fortune Global 500 company and a Maharatna PSU, marked a significant milestone in its commitment to national service and technological innovation with the flag-off of the first **Extreme Weather Grade (XWG) Diesel Rake** from its Bina Refinery on 17 August 2026.

The XWG diesel rake was ceremonially flagged off by **Lt Gen Mukesh Chadha, AVSM, SM, VSM, DGST, IHQ of MoD (Army)** in the august presence of **Shri Subhankar Sen, Director (Marketing), BPCL**, along with senior officials of Indian Army, Indian Railways and BPCL.

The XWG Diesel has been indigenously developed by BPCL after assessing the unique challenge faced by Indian Army in operating military vehicles in extreme winter and high-altitude environment. BPCL's Corporate Research & Development Centre (CRDC) & Bina Refinery collaborated for development of Extreme Weather Grade (XWG) diesel through innovation and technological advancements.

BPCL's XWG Diesel offers several advance performance characteristics, including ultra-low pour point, low cold filter plugging point (CFPP), excellent cold startability, improved drivability, reduced field maintenance requirements, and enhanced reliability under severe climatic conditions.

Speaking on the occasion, BPCL leadership highlighted that the successful development and dispatch of XWG Diesel is a testament to the organization's focus on innovation, self-reliance, and nation-building. The product is expected to play a vital role in enhancing fuel reliability for military logistics and operations in high-altitude areas, thereby strengthening operational efficiency and mission readiness.

Shri Subhankar Sen, Director (Marketing), BPCL, said, *"the successful development of Extreme Weather Grade Diesel and the dispatch of the first rake is an excellent example of BPCL's research capabilities, technological excellence and commitment to Atmanirbhar Bharat."* He added, *"BPCL remains committed to providing innovative energy solutions aligned with the nation's strategic requirements."*

"The flag-off of the first XWG Diesel rake is a moment of immense pride for Bina Refinery. This achievement is the result of excellent coordination and teamwork across BPCL's research, refining, marketing and logistics functions," said **Shri K. K. Das, Executive Director, BPCL Bina Refinery**. He expressed confidence that Bina Refinery will continue to play a leading role in developing high-quality specialised products in the national interest.

Shri Manoj Menon, Business Head (Industrial & Commercial Solutions), BPCL, said, *“BPCL continues to work towards providing specialised energy solutions for the country’s strategic sectors, and ensuring uninterrupted and reliable fuel supplies to the Indian Armed Forces remains among its highest priorities.”*

The dispatch from Bina Refinery further reinforces BPCL's position as a trusted energy partner to the Indian Armed Forces and showcases the refinery's capabilities in producing specialized fuels tailored to India's strategic requirements.

About Bharat Petroleum Corporation Ltd. (BPCL):

Fortune Global 500 Company, Bharat Petroleum is the second largest Indian Oil Marketing Company and one of the integrated energy companies in India, engaged in refining of crude oil and marketing of petroleum products, with presence in the upstream and downstream sectors of the oil and gas industry. The company attained the coveted Maharatna status, joining the club of companies having greater operational & financial autonomy.

Bharat Petroleum’s Refineries at Mumbai, Kochi and Bina have a combined refining capacity of around 35.3 MMTPA. Its marketing infrastructure includes a network of installations, depots, fuel stations, aviation service stations and LPG distributors. Its distribution network comprises over 25,300+ Fuel Stations, over 1000+ CNG stations, over 6,250+ LPG distributorships, 440+ Lubes distributorships, 81 POL storage locations, 56 LPG Bottling Plants, 81 Aviation Service Stations, 5 Lube blending plants and 6 cross-country pipelines.

Bharat Petroleum is integrating its strategy, investments, environmental and social ambitions to move towards a sustainable planet. The company has Electric vehicle charging stations at 6800+ Fuel Stations. With a focus on sustainable solutions, the company is developing an ecosystem and a road-map to become a Net Zero Energy Company by 2040, in Scope 1 and Scope 2 emissions. Bharat Petroleum has been partnering communities by supporting several initiatives connected primarily in the areas of education, water conservation, skill development, health, community development, capacity building and employee volunteering. With ‘Energising Lives’ as its core purpose, Bharat Petroleum’s vision is to be an admired global energy company leveraging talent, innovation & technology.

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