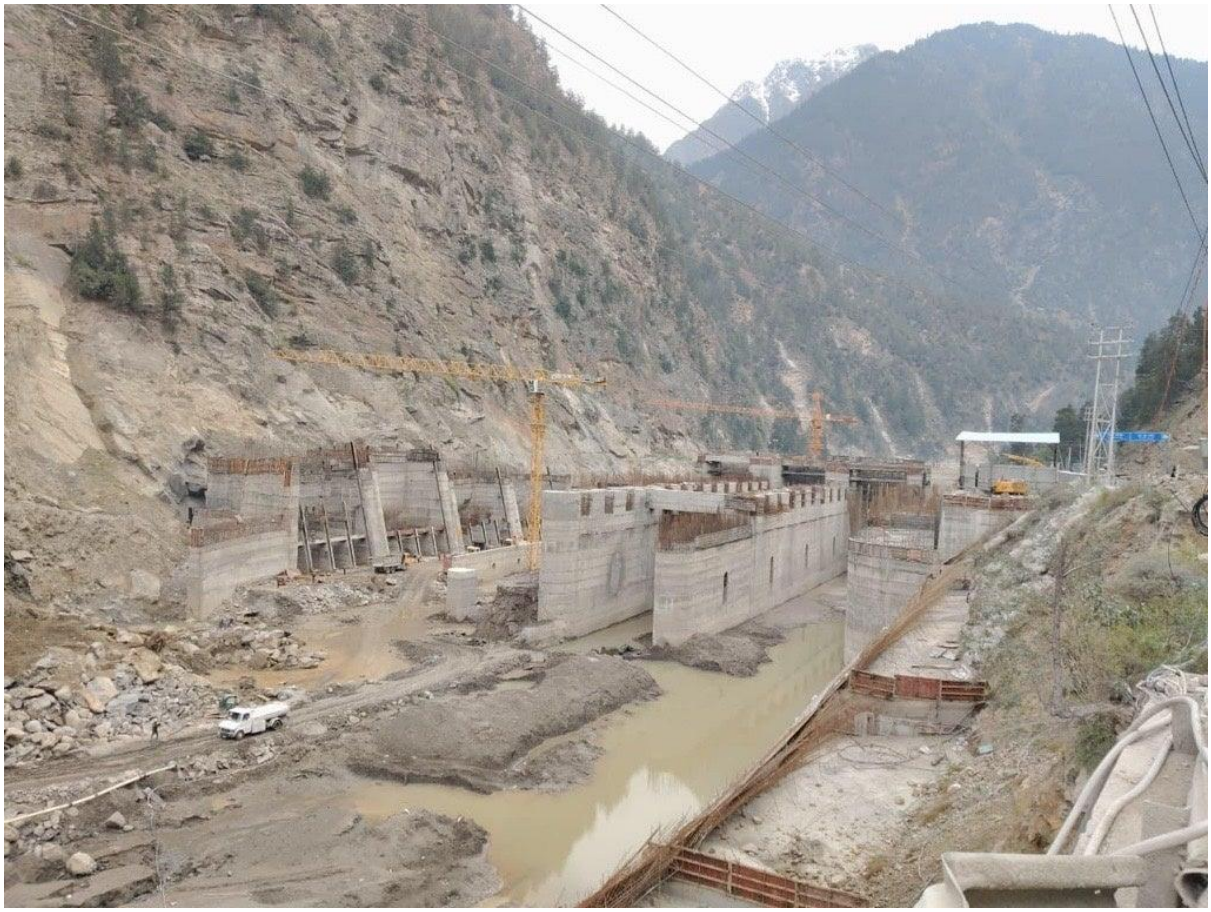
Supplying oil-less bearings to hydropower facilities in northern India, Supporting the development of energy infrastructure with bearing technology

OILES CORPORATION, JAPAN

November 6, 2026, 3:00 PM



Hydroelectric facilities under construction in Himachal Pradesh

OILES CORPORATION (Headquarters: Fujisawa-shi, Kanagawa Prefecture; President: Yoshikazu Sakairi; hereinafter referred to as "the Company") has adopted the metal bearing "#500SP4-SL464" for the hydroelectric power facility construction project "Shongtong Karcham Hydro Electric Project" in Himachal Pradesh, northern India. It is used in the "radial gate" (see diagram below) to regulate dam water storage volume. Since March 2011, the company established a manufacturing and sales base called "OILES INDIA PRIVATE LIMITED" and has been conducting business in India. Going forward, we will continue to provide the oilless bearing technology we have cultivated since our founding to promote the development of energy infrastructure and market economy growth in India.

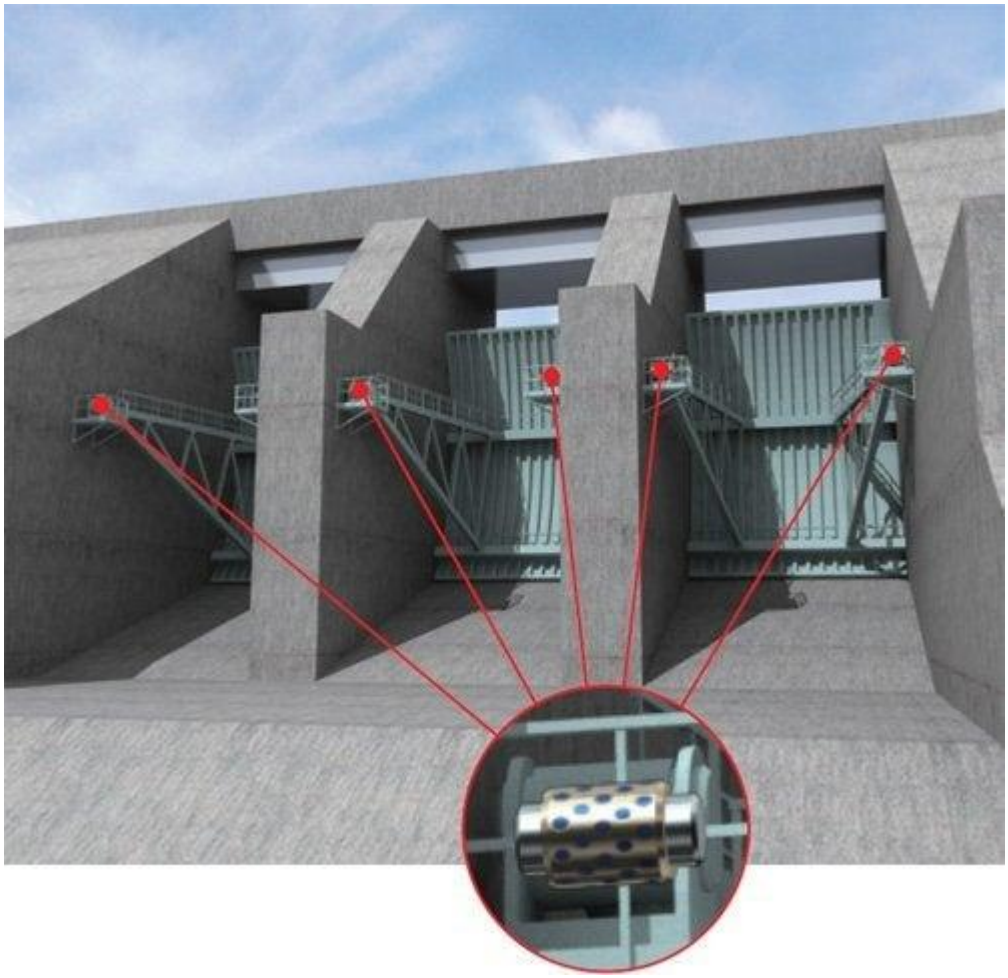


Image of radial gates and the parts adopted by our products

About the Hydropower Project

Himachal Pradesh (see diagram below) is located in the Himalayan region and is a region where hydropower projects utilizing abundant water resources are thriving. The dam is being developed by the state-run power company Himachal Pradesh Power Corporation Limited (HPPCL) in the mountainous Kinnaur area near the border with China. It generates electricity by drawing water from the nearby Satraj River, and is scheduled for completion in March~April 2027. The plant is equipped with three Francis turbines with a rated output of 150 megawatts, and after operation, electricity will be supplied within the state.



Himachal Pradesh, northern India

Oil-less bearings usable underwater

The metal bearing "#500SP4-SL464" supplied by our company contains a solid lubricant embedded and is characterized by its use underwater without lubrication. It demonstrates excellent wear resistance even in environments with heavy loads and is used to support the opening and closing of radial gates. Each radial gate uses two bearings (diameter 64 cm, length 75 cm), and we delivered a total of 10 bearings in May and September 2026.



Our metal bearing "#500SP4-SL464" can be used underwater

State government officials visit our research and development center

After the delivery of the oil-less bearings was completed, on Wednesday, October 21, four people—Rakesh Kanwar, Secretary to the Chief Minister of Himachal Pradesh, HPPCL's MD Abid Hussain Sadiq, and Civil Director Surender Kumar—visited Fujisawa's research and development headquarters. Our employees guided us through the product showroom and introduced the history of our founding and the features of our products. The four listened attentively and picked up the products, deepening their understanding of our technology.

Rakesh Kanwar, Secretary of Chief Minister of Himachal Pradesh said, "The hydropower projects utilizing Oiles' products are very large and important in our state. Building this cooperative relationship holds great significance for us. We are confident that this partnership will continue long-term and be fruitful."



Our President, Yoshikazu Sakairi, greeting Rakesh Kanwar, Secretary to the Chief Minister of Himachal Pradesh.



Yoshikazu Sakairi, President (third from the right), welcoming Rakesh Kanwar, Secretary to the Chief Minister of Himachal Pradesh (second from the right), Abid Hussain Sadiq, Managing Director of HPPCL (second from the left), and others.

Comment from our President, Sakairi

We are deeply honoured that our products have been selected for a large-scale hydropower project under construction in Himachal Pradesh. Hydropower is a vital infrastructure supporting a sustainable society, and we take pride in having our equipment powered by our technology. We will continue to deliver the technology and trust we have cultivated as a comprehensive oil-less bearing manufacturer to the world, contributing to people's enriched lives by supporting social infrastructure.

[Related Information]

About us:

Our company was established in March 1952. We manufacture and sell "self-lubricating bearings" and "seismic isolation and seismic damping devices," and our main product, "oilless bearings," provide excellent wear resistance and durability without requiring lubrication or with minimal lubrication. They are widely used in a wide range of fields including automobiles, semiconductor manufacturing equipment, renewable energy-related equipment, and railways. In addition to seismic isolation and seismic control devices that protect buildings like bridges and public facilities from earthquakes, subsidiaries also handle devices that emit smoke during fires. We have seven bases in six countries across North America, Europe, and Asia, operating globally.

Our website

https://www.oilesglobal.com/in/

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