

Ferry Cost Effective Long Life Bearings



Washington State Ferries operate 19 vessels in their fleet installed with Cooper split to the shaft roller bearings on their propulsion shafting. Sizes of the bearings range from 9" up to 13 1/8".

The ferry 'Spokane', pictured above is a diesel electric boat with 4 engines in the center of the vessel. The engines produce the electricity which run electric motors to turn the two propeller shafts.

Each shaft has one Cooper 02 BCP 1300 EXILOG bearing. 'Spokane' was built in 1972 and was fitted with Cooper bearings at that date. The original cartridge and pedestals have not been changed since installation.

Washington State Ferries operate the largest ferry fleet in the United States. Operating across Puget Sound and the inland waterways. The ferry fleet carries over 23 million passengers to 20 different ports on



Each shaft has a Cooper 02 BCP 1300 EXILOG bearing to permit immediate access for maximum maintenance and inspection efficiency.

a daily basis, year in year out. Washington State Ferries makes more than 99.5% of all scheduled sailings and this level of service demands dependable bearings. The Cooper hallmark split to the shaft feature permits inspection and maintenance to be carried out in the shortest possible time which gives more uptime and contributes to the operational demands of Washington State Ferries.

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