



Monolec® R & O Compressor / Turbine Oil (6404)

DIVECON – Oxnard, Calif.

Breathing Air Compressors to Support Divers

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Customer Profile

DIVECON is a full service ocean construction company. The company was selected to remove four offshore oil exploratory and pumping platforms. DIVECON provided the skilled trades, all of the divers and engineering to coordinate the project to completion.

Application

The divers are supported by breathing air compressors in their underwater demolition of the platform.

Challenge

Over 100,000 man-hours were expended on Project 4-H (named for the four oil platforms—Hilda Hope, Hazel and Hidle), with over 3,000 dives to complete the four month project. This was the largest underwater demolition project on the West Coast. The project worked around the clock in order to meet schedule requirements. Massive lifts from the bottom carried loads of 400 tons to waiting barges on the surface.

LE Solution

DIVECON selected LE's Monolec® R & O Compressor / Turbine Oil (6404) to protect the equipment and the divers' health. A review of the compressor manufacturer's specifications and American Pacific

Marine, Inc.'s requirements, determined the correct viscosity oil. Monolec 6404 was the oil that would meet all specifications of all seven compressors and the selection was supported by the diving crew. LE's Monolec R & O Compressor / Turbine Oil is used by many professional divers in the underwater construction business on the West Coast. In addition to the approval of the divers on this project, Monolec 6404 was submitted to the Air Pollution Control District, U. S. Coast Guard, Environmental Protection Agency and the California Fish & Game Department. Monolec 6404 passed each agency and approval was given to DIVECON to proceed with the project.

Results

With over 3,000 dives and the 24 hour per day schedule, no diver experienced any lung irritation. No diver became ill, nor failed to meet physical examinations during the entire project, and no breathing air compressor failed. DIVECON did not have to be concerned about breathing air compressors supporting this huge project.

Thank you to Russ Ward of DIVECON, and to the local LE lubrication consultant, for providing the information used in this report.



Monolec® is a registered trademark of Lubrication Engineers, Inc.

Based on actual user experience. Individual results may vary. Not intended to supersede manufacturer specifications.

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300 Bailey Avenue • Fort Worth, TX 76107 • Fax: 800-228-1142
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800-537-7683