



CARVER PUMP™

Built for purpose



UPSTREAM OIL & GAS APPLICATIONS



UPSTREAM

Transfer to treatment. Pipeline to produced water. Whatever your needs, we have the right pump for your application.

For 80 years, we've been designing and building heavy-duty pumps for challenging applications. Our product line includes robust process pumps and highly-engineered pumps designed to meet the requirements of API 610 11th Edition.

Typical installations include produced water injection, transfer applications for both crude and produced water, LACT systems, pipeline

injection, amine treatment, and LNG processing. Our extensive product portfolio meets a wide range of job-specific requirements, such as high suction pressures, low NPSH available, and space limitations.

RS SPOTLIGHT: RING SECTION PUMPS MANAGE PRODUCED WATER NEEDS



These model RS (ring section) pumps in the Permian Basin are used for produced water disposal, which requires pumps that can reliably deliver high pressure in challenging environments. For this project, we used duplex stainless steel pumps to stand up to the brackish water.





LACT (RS)

The transfer of crude oil from producer to end user required a pump that could provide sustained high pressure and hold up to the harsh, changing climate of Canada's Alberta province. Carver Pump's RS (Ring Section) line was an easy choice for the LACT system booster pumps needed in this application. Our RS pumps produce up to 3400 ft TDH (Total Dynamic Head) and can easily pump oil long distances over changing elevations.



PRODUCED WATER (MAXUM OH2)

Management of produced water is a growing challenge for upstream oil & gas companies. These Maxum OH2 units are used to transfer produced water in Kern County, California. Built for efficiency and ultra-high reliability, these fully-compliant API 610 pumps help to maximize uptime and minimize total lifecycle costs.



AMINE TREATMENT AND RECIRCULATION (RS)

Garbage can be converted into energy by capturing methane from landfills. These high-pressure RS pumps drive an amine recirculation system, which scrubs methane for injection into public pipelines. Capable of handling high suction pressures, low NPSHa and differential pressures to 1500 psi, the RS is ideally suited for a variety of processes.



CRUDE OIL TRANSFER (MAXUM OH1)

Our Maxum OH1 is used in multiple oil and gas applications, including the transfer of crude oil. This tank farm, located in Wyoming, receives crude oil via a pipeline from Canada. Here, five of our Maxum OH1 pumps are used in various applications, including moving the crude throughout the facility for blending, and from storage tanks into rail cars or tanker trucks for transport.

OUR PUMPS FOR THE OIL & GAS MARKET

RS HYDRAULICS

- Flows to 2,000 GPM (454 m³/hr)
- Heads to 3,400 feet (1,000 m)
- Pressures to 1,500 psi (100 bar)
- Temperatures from -20° F to 300° F (-30° C to 149° C)
- Speeds to 3,550 RPM



RS

MAXUM OH1 HYDRAULICS

- Flows to 11,000 GPM (2,498 m³/hr)
- Heads to 720 feet (220 m)
- Temperatures from -20° F to 300° F (-30° C to 149° C)
- Speeds to 3,550 RPM



MAXUM OH1

MAXUM OH2 HYDRAULICS

- Flows to 11,500 GPM (3,136 m³/hr)
- Heads to 720 feet (220 m)
- Temperatures from -20° F to 600° F (-30° C to 315° C)
- Speeds to 3,550 RPM



API MAXUM OH2

To learn more about our pumps, please ask your sales representative or email sales@carverpump.com.



European Community Certificate



Quality Management System Approval Certification Number 95-370h



80 years of experience

Since we built our first pumps, Carver Pump has become recognized as one of the leading centrifugal pump companies, building to the most demanding engineering specifications and military standards in the world.

Carver Pump's quality management system is certified by Intertek to conform to ISO 9001:2015. Our commitment to quality includes not only our

hardware, but also superior customer service, leading-edge R&D, and continuous improvement in everything we do.

So whether the job is refueling fighter jets on the deck of an aircraft carrier, supplying paint to an auto assembly line, or bringing water to the fountain in a city park, we put our reputation on the line everyday with every pump we build.

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