

# TIMELESS TECHNOLOGY



Sun RPGC-JDN with Date Code 43

**Made in JULY-SEPTEMBER 1980**

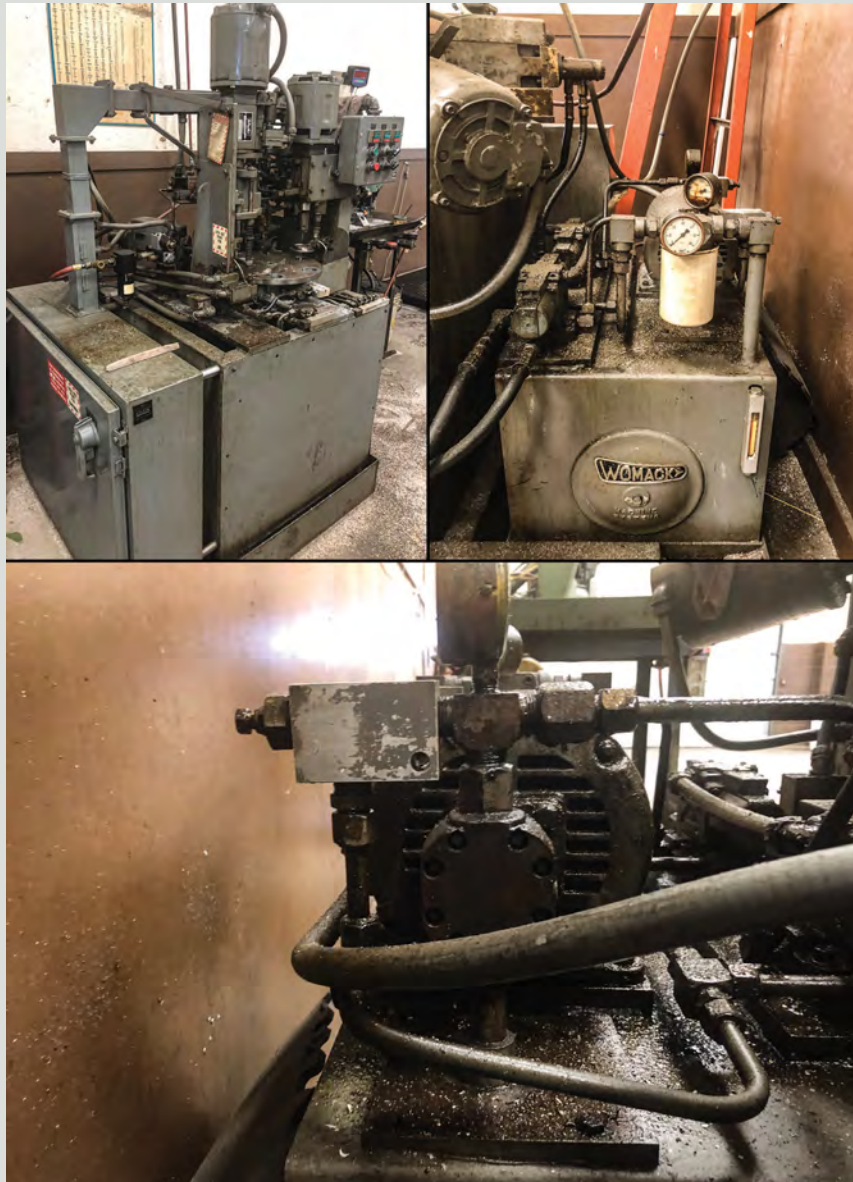
SUBMITTED BY:

**Heinrich Schwerzmann | ATP Hydraulik AG | Switzerland**

Pictured here is a pile driver that is used to drive piles into the ground to provide foundational support for buildings or other structures. It uses a Sun Relief Valve RPGC-JDN. Throughout the 1970's, ATP Hydraulik's customer had problems with the valve block on their machine. Due to the high pressure peaks and long reaction times with the valves used in the past, the block continued to crack again and again. ATP engineered a new solution using Sun Hydraulics valves and the problem was solved! ATP has used these Sun valves for more than 40 years! The customer is still satisfied with the solution, ATP still manufactures the same valve block and supplies spare parts for existing blocks in the field.



# TIMELESS TECHNOLOGY



Sun Relief Valve with Date Code 49

**Made in JANUARY - MARCH 1982**

SUBMITTED BY:

**Maddie Swem | Womack Machine Supply | United States**

This is a custom machine designed by R.C. (Bob) Womack in 1982. It is built around a 5-Station rotary table to do the finish-out on the solenoid end cap for one of Bob's AAA Products valves. Bob's vision was always focused on high-speed production and this machine allowed for just that. It's loaded by a single operator, then through the rotation of the five stations, it drills five holes, taps two holes and reams another. The machine utilizes two hydraulically-driven lead screw tappers (to be patented soon). Sun relief valves are used to control the pressure delivered to the tap units. The machine is still in-use today!

*Interesting note:* Sun's Founder Bob Koski purchased the original eight units in September 1985 from Bob Womack to build his own custom production machine. These were used on Sun's production line in Sarasota, Florida to tap the ports in the Sun relief bodies.

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# TIMELESS TECHNOLOGY



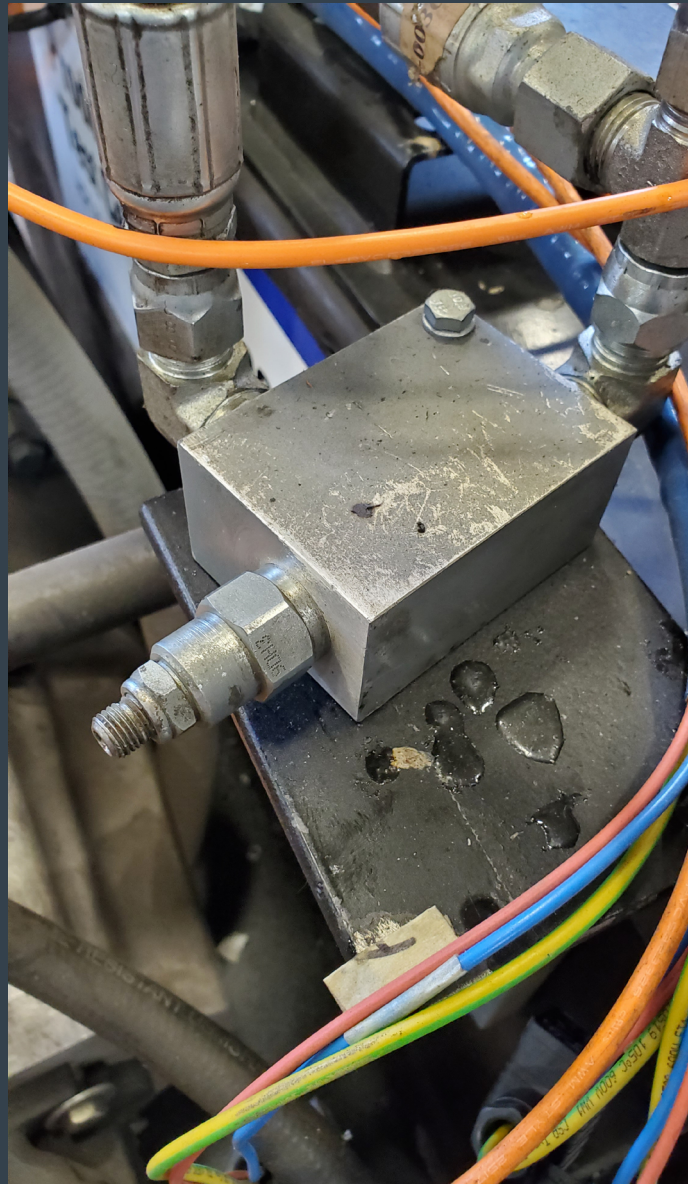
Sun YRGN-LCN with Date Code 8J67  
**Made on OCTOBER 28, 1987**



SUBMITTED BY:  
**Stewart Becroft | Hydraulic Cartridge Valves, Ltd. | New Zealand**

This is a tractor-powered, six-inch wide chain trenching machine for draining wet ground with clay field tiles. The Sun YRGN transmission flushing and relief valve is fitted in the chain motor drive lines and has been in place for over 30 years. One time the YRGN Valve was sent in for service when the machine was being fitted for a new motor. It only required a few new seal kits and it still operates as good as new!

# TIMELESS TECHNOLOGY



Sun RPEC-LBN with Date Code 9DH3

**Made on APRIL 8, 1993**

SUBMITTED BY:

**Roy Schmoutz | Komatsu Mining Corporation | United States**

Pictured here is a Sun RPEC-LBN Relief Valve used on a hydraulic power unit located in the Komatsu Product Development Test Center. It is almost 30 years old and still in operation.



# TIMELESS TECHNOLOGY



Sun DKO with Date Code 9HX9-A2

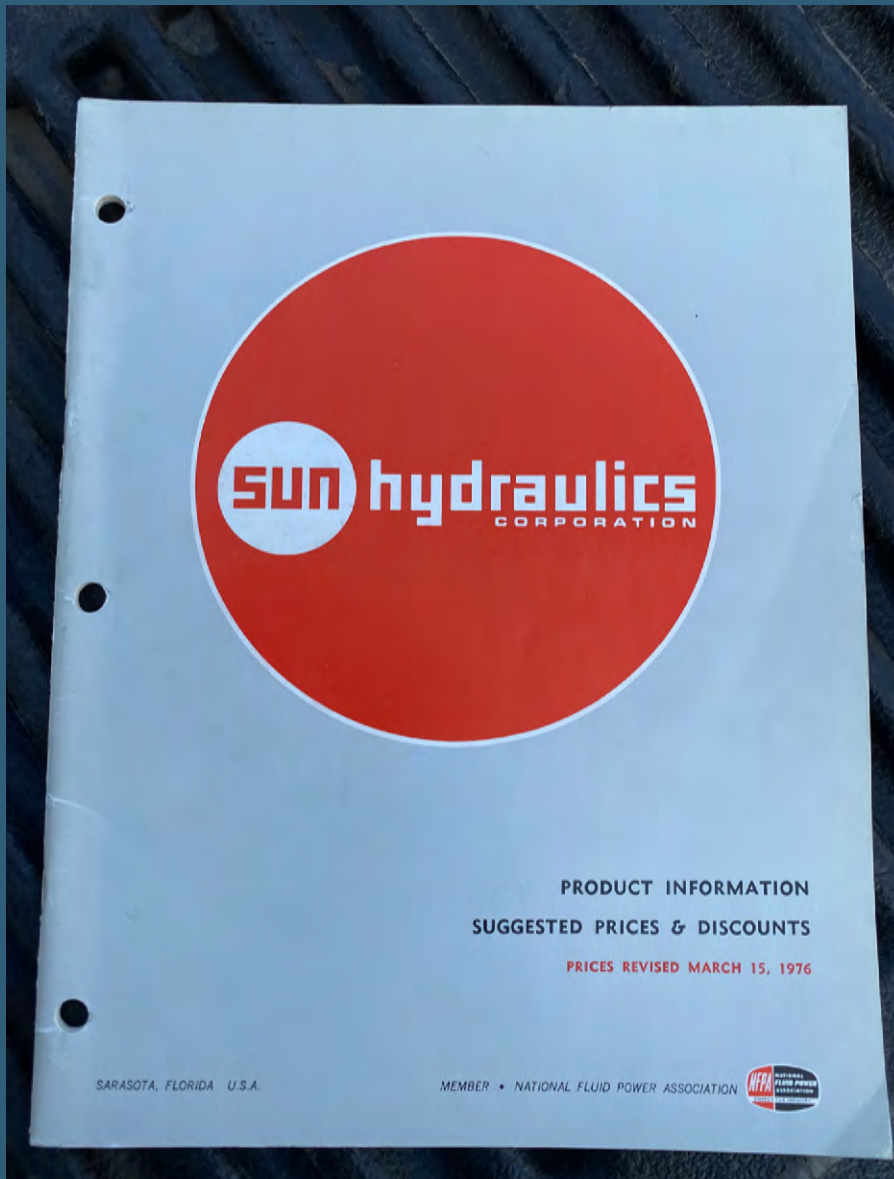
**Made on AUGUST 24, 1999**

SUBMITTED BY:

**Travis Kuehler | Womack Machine Supply | United States**

This image shows a sandwich manifold with flow controls on a hydraulic power unit built by Womack many years ago. Womack's customer used this unit to test forklifts for a year, and then it ended up in a dusty corner for about ten years. After a decade of sitting in the corner, the customer pulled it out, polished it up, and with a little help from Womack, it is running like a champ again! Nicknamed "The Big Blue," it has stood the test of time and has an estimated millions of cycles under her belt.

# TIMELESS TECHNOLOGY



Sun Catalog

**Published MARCH 15, 1976**

SUBMITTED BY:

**Mark Woods | Hydraulic Controls Inc. | United States**

HONORABLE  
MENTION

Long-time Sun distributor Hydraulic Controls Inc. has a catalog on their shelves dating back to March 15th, 1976. It's a well-deserved Honorable Mention in the Timeless Technology contest!