



N1000R-66*



N95060GEC03**
N95060GFC01



N1000R39

GENERAL INFORMATION:

Oberdorfer has a long history of supplying pumps to the welding machine industry. Ever since the Heliarc welding technology was developed, Oberdorfer pumps were used to circulate cooling liquid to the welder's torch.

Pump and electric motor are usually mounted on top or on the side of the coolant tank. A pressure relief valve built into the pump returns excess liquid directly to the tank rather than to the suction side of the pump, thus avoiding heat build-up in the pump.

Pump models N1000R39 and N1000R-66* are coupled to the electric motor with a flexible coupling. The N95060GEC03 and N95060GFC01 models are close-coupled to a carbonator motor by a circular clamp arrangement, offering a space-saving, compact design alternative. Pump model N95060GE is a retrofit for Miller Electric Mfg. Co.

The reasons for the wide acceptance of Oberdorfer pumps in the welding machine industry are reliability,

long service life, and ease of maintenance. The pumps depicted on this page are being produced in quantities for several welding machine manufacturers in the USA.

PUMP MAINTENANCE AND REPAIR:

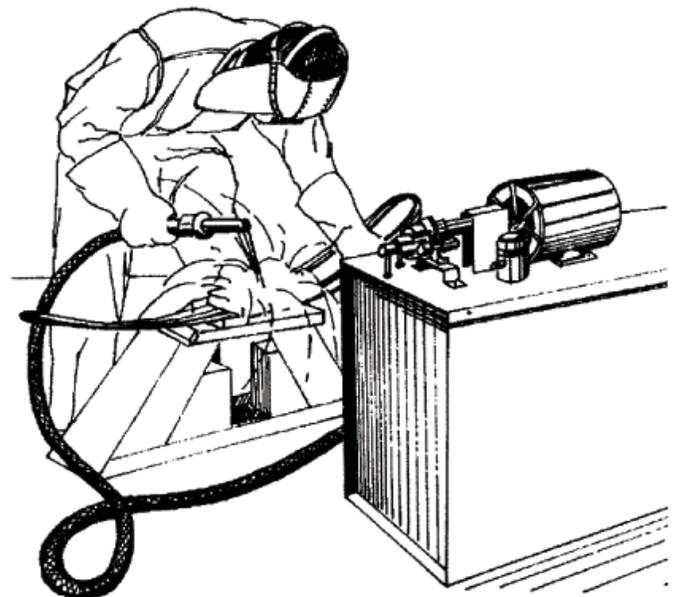
Oberdorfer gear pumps are essentially maintenance-free. If the pump is to be shut down for an extended period of time, it should be flushed thoroughly and filled with lubricating oil.

As a general rule, it is seldom economical to repair a worn out gear pump. However, if the gear chamber inside the pump body is still in good condition, the replacement of all interior parts by use of a repair kit may restore up to 80% of the original pump performance. Repair kit numbers and parts contained in each kit are listed on the parts lists on the reverse side.

PERFORMANCE:

PUMP #	RPM	PSI	0	20	40	60	80	100
N1000R39	1725	GPM	1.5	1.4	1.3	1.2	1.1	1
N95060GEC03								
N95060GFC01								
N1000R-66*	1725	GPM	2.1	1.9	1.8	1.7	1.6	1.5

TYPICAL PUMP INSTALLATION:

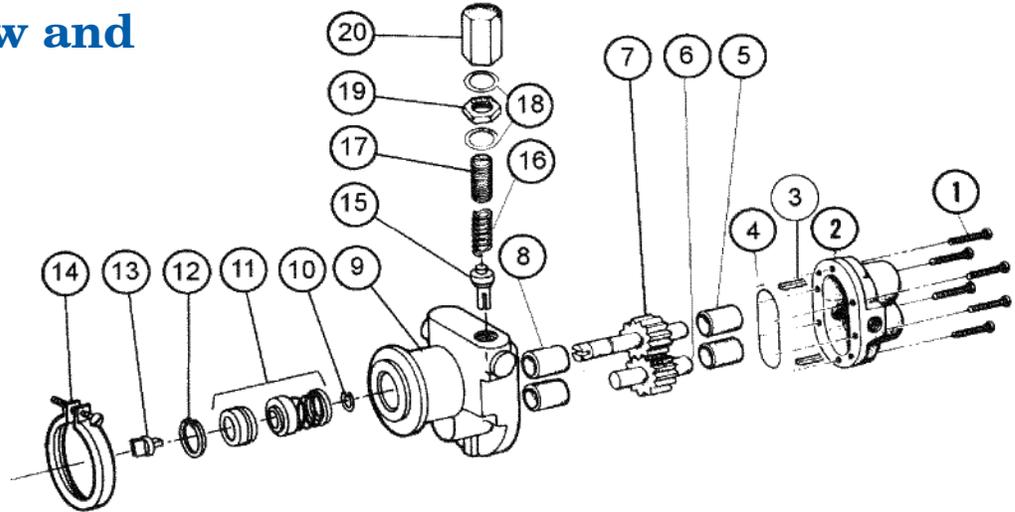


* Replaces the 1000R-53
** N95060GE not pictured

Rotary Gear Pumps

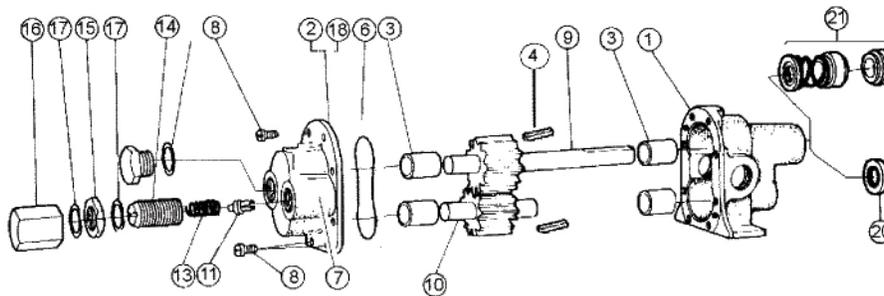
COOLING PUMPS FOR HELIARC WELDING

Exploded View and Parts List



	1	2	3	4*	5*	6*	7*	8*	9	10*	11*	12*
	Screw	Body	Dowel Pin	O-Ring	Bearing	Idle Gear	Drive Gear	Bearing	Cover	Snap Ring	Seal Assy.	Snap Ring
Model	Qty. 6	Qty. 1	Qty. 2	Qty. 1	Qty. 2	Qty. 1	Qty. 1	Qty. 2	Qty. 1	Qty. 1	Qty. 1	Qty. 1
N95060GEC03	5013	9301NB5N	8885	9797-033	8990	32629	32884	5025	930NN4R	5373	32584	7639
N95060GFC01	5013	9301NB5N	7651	9797-158	8990	32629	32884	5025	930NN4R	5373	32584	7639
N95060GE	5013	9301NB5N	7651	9797-158	8990	32629	32884	8990	930NNZR	5373	32584	7639

	13	14	15	16	17	18	19	20	Repair Kit*
	Coupler	Clamp	Poppet	Spring	Adj. Screw	Washer	Lock Nut	Value Nut	
Model	Qty. 1	Qty. 1	Qty. 1	Qty. 1	Qty. 1	Qty. 2	Qty. 1	Qty. 1	
N95060GEC03	9175	8840	7640	5806	5766	6966	5774	5767	11936
N95060GFC01	7450	5916	7640	9718	----	----	----	----	11936
N95060GE	----	----	7640	5806	5766	6966	5774	5767	11937



	1	2	3*	4	6	7	8	9*	10*	11	13	14	15	16	17	20	21	Repair Kit
	Body	Cover	Carbon Bearing	Dowel Pin	O-Ring	Plug Pipe	Screw	Drive Gear	Idle Gear	Poppet	Spring	Adj. Screw	Lock Nut	Valve Nut	O-Ring	Lip Seal	Mech. Seal	
Model	Qty. 1	Qty. 1	Qty. 4	Qty. 2	Qty. 1	Qty. 1	Qty. 6	Qty. 1	Qty. 1	Qty. 1	Qty. 1	Qty. 1	Qty. 1	Qty. 3	Qty. 2	Qty. 1	Qty. 1	
N1000R39	9313NB2N	9314NN5L	5024	8885	9797-033	6052	5385	32133	32118	7640	5806	5766	5774	5767	9797-015	5007	----	11187
N1000R-66	9313NB4N	9314NN5L	5024	8885	9797-033	6052	5385	32687	32584	7640	5806	5766	5774	5767	9797-015	----	32584	11925

* Repair kit contains these items.



OBARDORFER PUMPS

A Gardner Denver Product

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Visit www.oberdorfer-pumps.com to find in-depth descriptions of the world's leading high-quality, dependable pumps.

Due to ongoing product improvements, data shown here is subject to change without notice. Contact Oberdorfer Pumps for latest specifications.