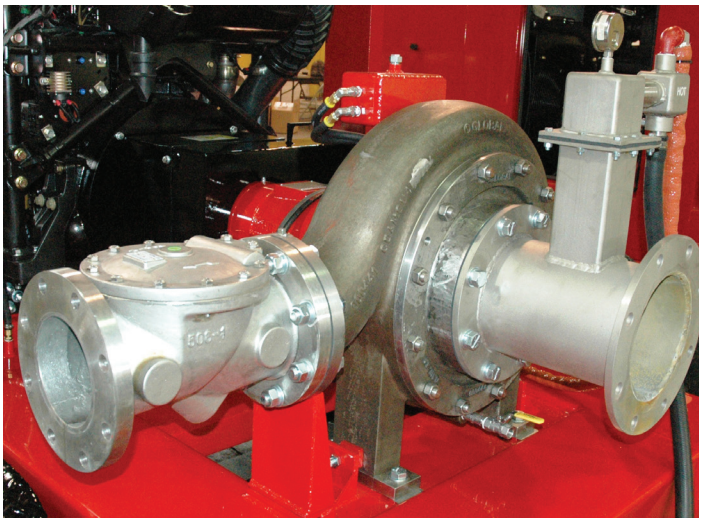
GLOBAL PUMP®
A MERSINO COMPANY

CD4MCu
STAINLESS STEEL



Pump wet end components made in CD4MCu offer superior corrosion resistance, hardness, and impact properties that make the alloy highly abrasion resistant in applications where pumps are subject to abrasive wear and chemical corrosion. Global Pump offers CD4MCu as an option for it's entire Auto Prime line of efficient, rugged, heavy duty pumps. Popular models in stock. Contact us for more information. Varying DBA levels are available to meet design requirements.

Global Pump provides its full line of outstanding Trash and High Head pumps in CD4MCu, a high grade duplex stainless steel, for applications where corrosion and/or abrasion are a concern.

CD4MCu is an Fe-Cr-Ni-Cu-Mo alloy with a duplex structure of ferrite and austenite. Moderately high strength and hardness are combined with good ductility and impact properties, resulting in an alloy with superior resistance to abrasion or erosion-corrosion.

CD4MCu provides significantly better stress/corrosive cracking resistance, and less pitting than standard stainless steel. It has a higher strength and thus is more durable.

Many factors must be evaluated when selecting pump end component materials including the liquid being pumped, specific gravity and pH level, GPM, Total Dynamic Head, pump type and speed, and whether the pump will run intermittent or contiunous. Global Pump engineers can help select the best solution for your application.

GLOBAL PUMP AUTO PRIME PUMPS
Standard Trash Auto Prime (GSTAP) Max Flows from 1250 to 12500 gpm (284 to 2840 m³/hr) Max Head from 116 to 165 ft (35 to 50 m)
High Trash Auto Prime (GHTAP) Max Flows from 1600 to 16000 gpm (363 to 3634 m³/hr) Max Head from 174 to 238 ft (53 to 73 m)
Standard High Head Auto Prime (GSHAP) Max Flows from 1100 to 4500 gpm (250 to 1022 m³/hr) Max Head from 330 to 380 ft (101 to 116 m)
Hyper High Head Auto Prime (GHHAP) Max Flows from 425 to 7000 gpm (97 to 1590 m³/hr) Max Head from 520 to 606 ft (159 to 185 m)

APPLICATIONS
Mining
Industrial Process
Chemical/Petrochemical
Oil and Gas
Marine
Manufacturing
Paper and Pulp
Municipal
Food Processing
Fertilizer

CD4MCu
Corrosion and pitting resistance
Higher strength than standard stainless steel
Improved ductility and weldability
Better resistance to embrittlement

GLOBAL PUMP®

GLOBAL PUMP
10162 East Coldwater Road, Davison, MI 48423
Tel: 810.653.4828 Fax: 810.658.0632
1.866.360.PUMP www.globalpump.com