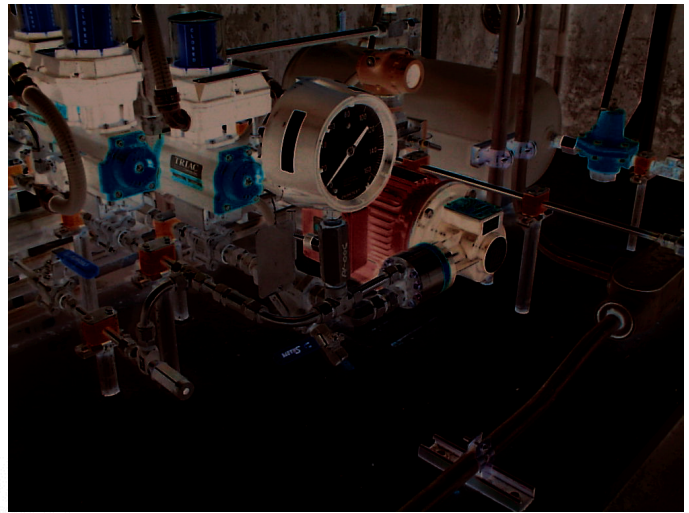


Application story


WANNER[™]
HYDRA-CELL[®] PRO
SEAL-LESS PUMP TECHNOLOGIES



Ethyl Mercaptan - Putting the Smell in Gas

Location	USA	Hydra-Cell model	G20GDSGSNECG
Type of application	Dosing Odorant into Natural Gas	Flow rate	0.15 - 0.49 l/min (0.03 - 0.12 gpm)
Liquid	Mercaptan Sulphides	Pressure	21 Bar (300 psi)
Application details	Pumped into odourless natural gas, ethyl mercaptan gives it a distinctive smell that can be the first indication of a gas leak. But accurate dosing is essential. Too much odorant is not only very unpleasant but can also be toxic. Mag drive gear pumps were originally used for the injection process. They were not ideal, working near the limit of their pressure capability and being unable to pump accurately at the very low flows specified. Hydra-Cell G20 pumps gave accurate dosing even at these flow rates, and offered a range of material options, including the stainless steel construction preferred by the customer.		
Advantages of Hydra-Cell pump on this application	Seal-less design. Accurate, consistent delivery. Small size. Choice of materials. Drive options, including close-coupled motors. Ability to handle corrosives. Pressure capability. Size and cost in relation to unsatisfactory alternative units.		

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