

Application story



Hydrocarbon Metering and Dosing

Location	Russia	Hydra-Cell model	G03XKSGHFEHA x 6 / G10XKSGHFEHB x 5 / P2MBMSGSS050S x 2
Type of application	Hydrocarbon Metering and Dosing	Flow rate	1 - 20 L/hr (0.26 - 5.3 gph)
Liquid	Alkane Hexane Pentane Proprietary Chemicals	Pressure	2 - 50 bar (29 - 725 psi)
Application details	SIBUR is Russia's largest integrated gas processing and Petrochemicals Company, whose activities comprise: Gathering and processing of associated petroleum gas (APG) and raw natural gas liquids (NGLs) purchased from major Russian oil and gas companies. Transportation, fractionation and downstream processing of hydrocarbon feedstocks that are produced internally or purchased from major Russian oil and gas companies. Marketing and sales of energy products, such as natural gas, liquefied petroleum gases (LPG), naphtha, raw natural gas liquids (NGL), methyl tertiary butyl ether (MTBE) and other fuels and fuel additives. SIBUR operates 23 production sites, has over 28,000 employees and serves more than 1,400 large customers in the energy, automotive, construction, fast moving consumer goods (FMCG), chemical, and other industries in approximately 70 countries. Hydra-Cell's Russian distributor (Pump Union LLC) recently supplied many Hydra-Cell pumps to NOIST, the process development Research Centre used to develop new processes for Sibur. After testing a single G03 for 12 x months on various chemicals at both high & low temperatures, the benefits of Hydra-Cell were plain to see.		

Advantages of Hydra-Cell pump on this application

Hydra-Cell was chosen for this application for the following reasons:

- Ability to offer a very accurate flow at a pressure, specific to the process.
- Simple installation, without the need for expensive pulsation dampeners.

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