



PRESS RELEASE

Food oil class NSF H1 for Stäubli robots



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Stäubli Robotics at Interpack 2014 (Hall 16 / Booth F03)

Maximum performance with H1-lubricant

With immediate effect food oil of class NSF H1 is available for the Stäubli product range of 4- and 6-axis robots. The special feature: Stäubli Robotics don't revert to standard oils but utilize an oil, which was developed in close cooperation with a partner company. The advantage for the users: even with the H1-lubricant the robots can be operated with a maximum performance and don't subject to any restrictions as the facilities of some competitors do.

H1-lubricants are not only required for machines and facilities in the food and animal feed industry but also prove themselves in demanding applications in the medical and pharmaceutical industry. Food oil needs to be used for all robot applications, when occasional contact with the product is technically unavoidable.

There are two good reasons why Stäubli invested a lot of time and efforts in the common development of the lubricant in cooperation with a partner company as Gerald Vogt, Head of R&D Robotics, says: "First of all we wanted to offer a H1 oil which meets the specific requirements of our patented Stäubli JSM reduction gear system and guarantees a maximum service life of the robots. Secondly the robot dynamics shouldn't suffer from the H1 oil. After two years of endurance tests in our laboratory we can assert that these objectives have been fully realized."

The food oil in accord with NSF H1 is available for all Scara kinematics of the TS range, all six-axis robots of the TX range as well as for the RX160 and the TP80 Fast Picker



TP80 Fast Picker



RX160 HE



TS60 Scara-Roboter

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AboutStäubli: Textile Machinery, Connectors and Robotics

Stäubli is a mechatronics solution provider with three dedicated divisions: textile machinery, connectors and robotics. With a workforce of 4000, Stäubli has a presence in 25 countries and agents in 50 countries around the world.

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