

“IVECO MOTORS SOFIM HPI 2.3L POWERS HALE’S HIGH PERFORMANCE PUMP”.

Fire pump technology launched at fire department instructors conference.

IVECO MOTORS OF NORTH AMERICA, INC., a subsidiary of Iveco Motors, a leading world-class diesel engine manufacturer, proudly announces the launch of Hale Products HPX700DI-O fire pump, in conjunction with Mid-Atlantic Engine Supply Corporation, an Iveco Motors distributor. The HPX700DI-O, powered by Iveco Motors’ Sofim HPI 2.3L, was recently unveiled this year at the Fire Department Instructors Conference in Indianapolis Indiana, April 11th to the 16th. Hale, a leading manufacturer of fire pumps, was in need of a low weight engine that could help produce the highest water pressure and flow on their new fire pump. Mid-Atlantic Engine Supply Corporation, also a Hale distributor, fitted Hale’s fire pump with an Iveco Motors’ Sofim HPI 2.3L because of its high power to weight ratio. Hale’s HPX700DI-O is used for any mobile fire application and can be truck mounted, trailer drawn, or used as a stand-alone pump. It can operate from any water source, including a fire hydrant, lake or river.



The Sofim HPI 2.3L allows Hale’s HPX700DI-O to produce higher flows while exceeding ISO 9 and 8 and NFPA 1901-500 GPM. The diesel power pump also offers the convenience of fuel compatibility with a diesel power chassis. The HPX700DI-O paired with an Iveco Motors’ Sofim HPI 2.3L enables applications to provide safety, reliability, long life and low maintenance.

“The high speed and light weight features of the Sofim HPI 2.3L engine are suitable for pump applications that help yield higher flows and extended water carriage capabilities on the truck,” says John Madey, Product Manager of Iveco Motors of North America.

“Hale is dedicated to implementing the highest level of fire protection and safety,” says Chuck Cook of Mid Atlantic Engine Supply Corporation. *“We’re happy to partner with a company that is*

as dedicated to their market as we are, and to provide them with the best engine that will power their application."

The Sofim HPI 2.3L is a 4-cylinder diesel engine, with a power rating of 85 kW at 3900 rpm and weighs just 210 kg. The engine features four valves per cylinder, aluminum cylinder head and an electronic common rail injection system. The turbocharged after-cooled engine is complemented by dual overhead camshafts, and the hydraulic valve actuation ensures constant performance over time and reduced maintenance requirements. The high pressure electronic injection system along with the waste-gate turbocharger and improved combustion chamber geometry result in improved torque levels and a noise level below 93 dB(A).

The Sofim engines are produced in the South of Italy, in the plant of Foggia.that the last year had an output of more than 245,000 engines.

The factory, employs more than 1,750 people, is certified according to the most recent norms in terms of quality and safeguard of the atmosphere and has obtained in the course of 2003 the award "TPM excellence First Category" from the JIPM (Japan Institute of Plant Maintenance).