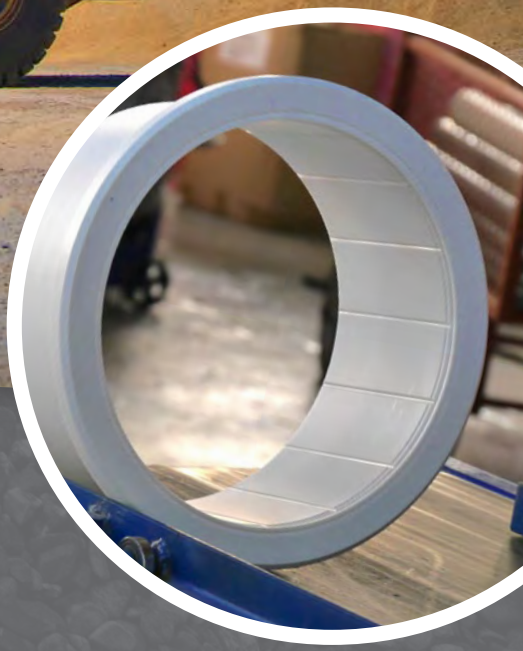
VESCONITE

Earthmoving

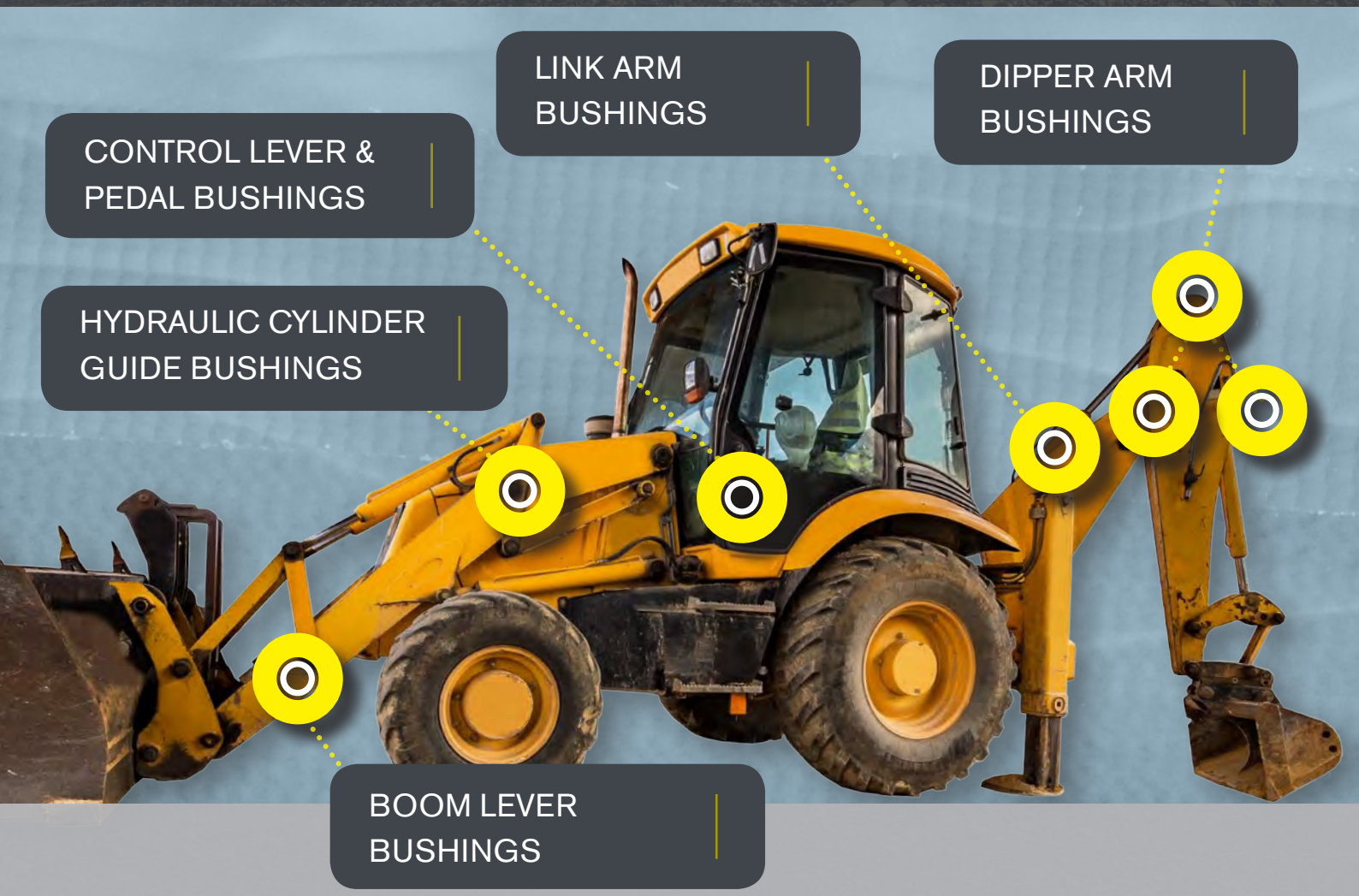
SELF-LUBRICATING
EXTENDED SHAFT LIFE
INCREASED SEAL LIFE
HARD-WEARING



SELF-LUBRICATING BEARINGS FOR
EARTHMOVING EQUIPMENT

vesconite.com

BEAT DIRT, MUD, GRIT & WATER WITH Vesconite Hilube



VESCONITE HILUBE BUSHINGS withstand the arduous conditions associated with earthmoving equipment. With Vesconite's exceptional load-bearing capabilities and high resistance to wear, self-lubricating Vesconite Hilube is ideally suited to equipment where lubrication is not always possible.

THE ADVANTAGES OF Vesconite Hilube

EXCELS IN DIRTY & WET ENVIRONMENTS

Vesconite Hilube gives long life when operating in dirty conditions, whether unlubricated or lubricated.

NO LUBRICATION REQUIRED

Vesconite Hilube is internally lubricated with advanced internal lubricants. This gives Vesconite a much lower friction coefficient than other materials.

LOW FRICTION IN WET & DRY

Vesconite Hilube's friction coefficient is less than half that of bronze and nylon. This translates into a higher allowable PV factor (load x speed).

INCREASES SHAFT LIFE

Shaft wear is more often than not a bigger issue than bearing wear itself, given the cost of metal components.

HIGH LOAD CAPACITY

Vesconite Hilube has a much higher load capacity compared to nylon, rubber and elastomer bearings. It maintains its strength under wet conditions.

EASY TO MACHINE & INSTALL

Vesconite Hilube can be easily machined on standard metal working equipment. It does not creep, deform or swell, and machines to precise tolerances.

VESCONITE
BEARINGS

Founded in 1958, Vesconite Bearings is a world-leading manufacturer of low-friction, low-wear bearing materials for a wide range of industries. These include the pump, agriculture, railways, mining, heavy-transport, hydro, renewable-energy, earthmoving, marine and construction industries.

The story of Vesconite goes back to 1968, when founder and chemical engineer Alain Leger began the research and development of a polymer bearing material for use in the ultra-deep gold mines of South Africa – a notoriously harsh environment characterised by extreme dirt and wetness.

The Vesconite Bearings factory spans 20,000 m^2 and features advanced extrusion, injection-moulding and CNC machining facilities. Both standard stock (rods, bushings and plates) and high-precision machined parts are produced. The company is ISO 9001:2015 certified.

EXTENSIVE PRODUCT RANGE

SHORT LEAD TIMES

QUICK GLOBAL DELIVERY

HOW CAN WE HELP YOU?

Get in touch with your enquiries or specific requirements.

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