



22614



PO Box 40647, Cleveland, Johannesburg, 2022, South Africa

EARTHMOVING JOINTS TROUBLE-FREE WITH ADVANCED POLYMER

The stresses applied to earthmoving equipment joints are significant. Vesconite Hilube, an advanced polymer, is an ideal alternative to traditional metallic bushing materials for use in loaders, dozers, excavators, graders and other pieces of heavy machinery.

Nickel aluminum bronze alloys and hardened steel are common choices for bushing materials. But, they require regular lubrication and are prone to premature wear and binding due to dirt contamination.

Vesconite Hilube is self-lubricating and excels in wet, dirty conditions. It doesn't swell, delaminate or deform. It has ten times the wear life of bronze and can be used continuously up to 212° F in dry applications. This means reduced maintenance and lubricant costs, and less down time.

It's perfect for applications with high loads and low speeds, or anywhere lubrication is difficult or undesirable. Vesconite Hilube is commonly used as a bushing material in articulating axles and suspensions, dipper and link arms, hydraulic ram guides and boom levers. It can even be used for pedals, control levers and other small parts.

Vesconite Hilube is easily machined with tolerances of +0.012"/-0.000". Hollow bar, solid rod and plate stock shapes are available in a broad range of dimensions and thicknesses from the company's Texas office.

Contact Vesconite, PO Box 40647, Cleveland, Johannesburg 2022, South Africa. US Office: 866-635-7596; Fax: 212-937-3184.
vesconite@vesconite.com; www.vesconite.com.