



OEM/Vehicle

Ford Motor Company
2018 Ford F150

System Supplier

Rassini

Material Processor

Rassini

Environmental

Use of Soybean Oil in Slap Pad



This is the first use of soybean oil, to replace up to 40% of the 100% petroleum oil in the natural rubber part. It can be translated to any vehicle line with leaf springs including trucks, vans and SUVs. The current volume of petroleum oil being replaced in this application is approximately 522 gallons/year. This replacement of petroleum oil, with a natural resource, also offers a reduction in noise and an improvement in part durability. This will result in a reduction in warranty replacement of slap pads, estimated as a \$2.5M warranty cost avoidance.