



Terresolve Technologies
35585 G Curtis Blvd.
Eastlake, Ohio 44095
800.661.3558
www.terresolve.com

Terresolve Assists Fleet with Asphalt Release

Many times, even the most specific research goals result in a broad variety of applications. Such is the case with Terresolve Technologies and their EnviroLogic 500. Thanks in part to the soybean checkoff, Terresolve, one of the largest retailers of industrial soy-based lubricants, is realizing a successful new use with an old product.

“Originally, the soybean checkoff had funded the research for our concrete mold release concentrate,” says Mark Miller, CEO of Terresolve Technologies. “We were formulating it with one specific client in mind. We found that a slight change in formulation and the product work to control dust. Another application, asphalt release, also grew out of this research when we realized the need for a bio-friendly release agent for asphalt trucks.”

The new asphalt release is assisting Douglas County Fleet Services in Oregon to protect the state’s sensitive environment while maintaining, repairing and operating approximately 850 vehicles.

Traditionally, asphalt companies used diesel fuel or kerosene on the beds of their trucks prior to loading them. The diesel fuel was effective, yet it posed several environmental problems.

“We used kerosene or diesel fuel as an asphalt release agent,” says Floyd Noel, shop supervisor for Douglas County Fleet Services. “It worked great, and was very cost effective. We knew it was the wrong thing to do because it left residual petroleum behind which I’m sure found its way to the environment. The pressure was really on when the petroleum products became illegal.”

Noel attended a session on environmentally preferable products at the Vehicle Maintenance Management Conference. It was there that he learned about Terresolve Technologies and their environmentally friendly solutions. EnviroLogic 500, mold release product for use with concrete, was presented to Floyd as an answer to his problem.

EnviroLogic 500 is soy-based and water-soluble. It can be mixed 1 part concentrate to 5 parts water and applied to asphalt equipment and keeps the asphalt from sticking, leaving no petroleum residual. It also has no build up and, washes up easily. The key benefit is that because it is soy-based, whatever gets in to the environment biodegrades or can be consumed by wildlife. It is also renewable and reduces dependence on foreign petroleum.

The results were positive from Noel and his Douglas County Fleet Team. Not only is the product environmentally friendly, but also it is much more effective as an asphalt release agent than the petroleum products. Fleet employees found that it worked better than kerosene and are now

looking into additional soy-based products from Terresolve including hydraulic fluid, two cycle oil and bard and chain lube.

The area of asphalt releases and lubricants is a fast growing one for soy base oils. The soybean checkoff continues to fund the research, development and promotion of new soy-based products.

For more information on Terresolve products, visit www.terresolve.com.