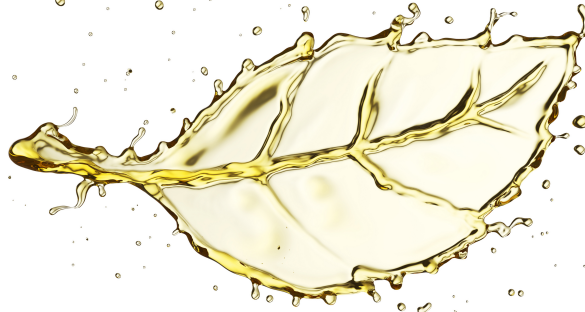


QUALITY SUSTAINS.



QUALITY WORKS.

LANXESS
Energizing Chemistry

Scopeblue Additin® Extreme Pressure additives **More sustainable light-color, low-odor sulfur carriers.**

Scopeblue

LANXESS is increasingly turning to circular and bio-based raw materials as our products are key to more sustainability. The Scopeblue brand label represents a real solution for circular economy. The brand label Scopeblue identifies products that either consist of at least 50 percent circular (recycled or biobased) raw materials, or a carbon footprint that is at least 50 percent less than conventional products.

In accordance with the mass balance approach the products are chemically identical, i.e. new processes, tools or adaptations are not necessary.

Representing an environmentally friendly innovation, the raw materials that go into the Scopeblue Additin® are organic or recycled, manufactured by sulfurization of natural, locally sourced renewable raw materials.

LuSC list and EU Ecolabel

The Scopeblue Additin® products have low or no impact on the environment and show no health hazards. They meet the requirements of the LuSC (“Lubricant Substance Classification”) list – the prime reference for formulators of lubricants intended to apply for the EU Ecolabel.

EU Ecolabel lubricants are more eco-friendly alternatives to conventional lubricants, aiming to decrease the impact of these products on biodiversity, through respecting a wide scope of environmental criteria.

Sulfur carrier EP additives

Sulfur carriers are well known as EP additives and for a long time have been successfully used in different types of lubricants. They can be applied in conjunction with other additives in formulations of industrial gear oils, greases and hydraulic oils to increase the load-bearing capacity of the lubricating oil or grease.

LANXESS's Scopeblue Additin® sulfur-carrier additives are light in color and low in odor and mainly used in metalworking lubricants. They reduce wear on metal surfaces and prevent cold welding even under extreme conditions such as high surface pressures and high material removal rates.

Because of their beneficial eco-toxicological profile, light-color sulfur carriers are increasingly replacing other chemical substances such as chlorinated paraffins, which have been classified as Substances of Very High Concern (SVHCs) by the European Chemicals Agency (ECHA) due to their environmental persistence and high bioaccumulation potential.

Scopeblue Additin®

The following Additin® products received the Scopeblue branding as outstanding sustainable products based on renewable raw materials:

Additin® RC 2315 and RC 2317: Low kinematic viscosity, excellent wettability and good solubility in group I to V baseoils.

Additin® RC 2410, RC 2415 and RC 2418: Medium high kinematic viscosity, good lubricity and high polarity.

Additin® RC 2515: Excellent polarity and lubricity, high affinity to metal surfaces and high kinematic viscosity.

 **Additin® RC 2315**
Scopeblue

 **Additin® RC 2317**
Scopeblue

 **Additin® RC 2410**
Scopeblue

 **Additin® RC 2415**
Scopeblue

 **Additin® RC 2418**
Scopeblue

 **Additin® RC 2515**
Scopeblue

Scopeblue Additin® product portfolio

Additin®	Base	Metalworking fluids	Greases	Slideway oil	Ind. Gear oil
RC 2315	Esters	■	■		
RC 2317	Esters	■	■		
RC 2410	Triglycerides	■	■	■	
RC 2415	Triglycerides	■	■	■	
RC 2418	Triglycerides	■	■	■	
RC 2515	Olefins/Triglycerides	■	■	■	■

LANXESS
Energizing Chemistry

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Unless specified to the contrary, the values given have been established on standardized test specimens. The figures should be regarded as guide values only and not as binding minimum values. Kindly note that the results refer exclusively to the specimens tested. Under certain conditions, the test results established can be affected to a considerable extent by the processing conditions and manufacturing process.

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