



Rheolube® 462 vs. Rheolube® 362HT

A lithium soap thickened, light viscosity synthetic hydrocarbon grease with superior corrosion resistance, improved EP and temperature stability for light mechanical applications.

PRODUCT OVERVIEW

Nye Lubricants is developing a new series of synthetic hydrocarbon greases thickened with lithium soap. These new greases are the Rheolube 460 series, an improved version of Nye's 360 series. These greases demonstrate improved load carrying ability and anti-wear performance. They have excellent oxidative stability and superior corrosion resistance.

This product overview is the first of the series and highlights the characteristics of Rheolube 462 and its improved performance.

PACKAGING OPTIONS

Rheolube 462 is available in:

- 1 kg jar
- 35lb pail
- 385lb drum

If your application requires a specific container, please contact us for custom packaging.

APPLICATIONS

Nye's greases in the Rheolube 360 series are a standard for success in Automotive applications from components in steering column systems to multi-function switches, and seat belt retractors to door latch mechanisms. This new 460 series of greases will outperform the 360 series in most applications by prolonging the component life, reducing wear, preventing corrosion and ensuring great oxidative stability.

TYPICAL PROPERTIES

Lubricant Properties	Rheolube 462	Rheolube 362HT	Test Methods
Recommended Service Range (°C)	-54 to 130	-54 to 125	
Thickener	Lithium Soap	Lithium Soap	
Base Oil	PAO	PAO	
Kinematic Viscosity (40°C)	33 cSt	33 cSt	ASTM D-445
NLGI Grade	2	2	ASTM D-217
Color/Appearance	Tan/Smooth	Light tan/Smooth	
PSDC at 150°C	No exotherm	Exotherm after 1278 min.	ASTM D-6186
Water Washout at 40°C	1.6%	16.33%	ASTM D-1264
Copper Corrosion	1A	1B	ASTM D-4048
4-Ball Wear	COF	0.101	ASTM D-2266
	Scar	0.510 mm	0.663 mm
SRV OK Load	1600N	450N	ASTM D-5706
EMCOR Test (3% synthetic sea water)	0,0	3,3	ASTM D-6138
4-Ball EP (LNSL)	50 kg	32 kg	ASTM D-2596
4-Ball EP (Weld Point)	200 kg	126 kg	ASTM D-2596
4-Ball EP (Load Wear Index)	26.8 kgf	19.9 kgf	ASTM D-2596

SAMPLES

Rheolube 462 samples are now available for testing and qualification. To best serve your needs, all inquiries should be directed through your Nye Regional Engineering contact, or you may simply contact the nearest Nye Engineering Office.

