

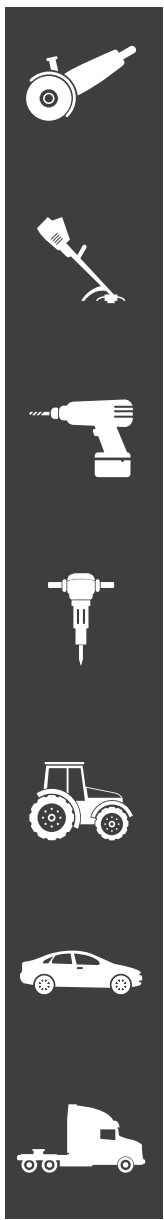
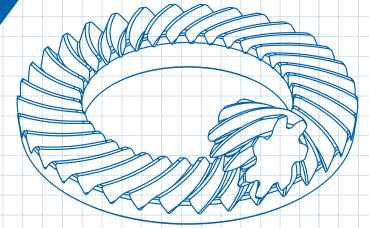


# High-Performance Grease for Metal Gears






## Rheolube® 380 & 380-G1

Specified by leading OEMs in the power tool and automotive industry for more than twenty years.

Metal gears are used for high load, speed and temperature applications. Elevated speeds and loads often increase temperature, which can impact the life of the lubricant and ultimately the performance of the device. Many devices cannot utilize an oil bath to remove heat and wear debris; grease can provide the necessary lubrication to reduce friction and wear, extending the life of the gear box. Rheolube® 380 & 380G1 were designed to perform under these mechanically demanding conditions.

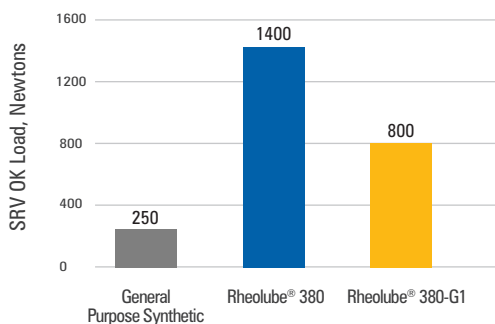


### ADVANTAGES OF RHEOLUBE® 380 & 380-G1

-  Extend operating life
-  Reduce friction & wear
-  Extreme load handling
-  Improve efficiency
-  Optimized for metal gears

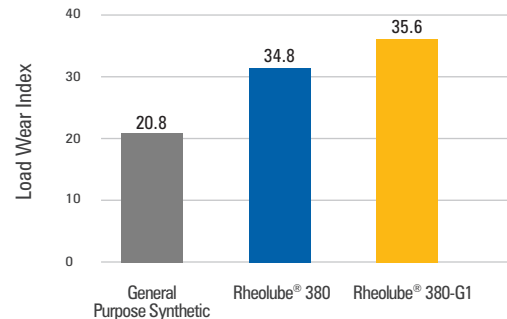
### EXTREME PRESSURE HANDLING

Measures the extreme pressure (EP) capacity of a lubricant. The test load is increased every 2 minutes until the specimens weld together, indicating lubricant failure. (ASTM D5706)



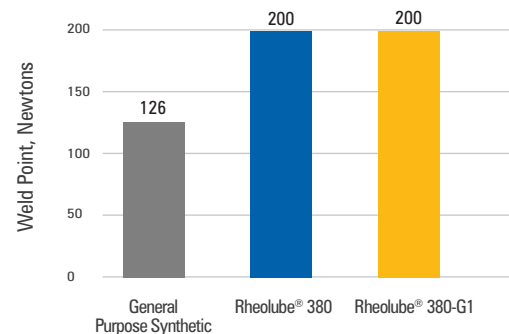
### LOAD WEAR INDEX

Creates an index of the ability for a lubricant to minimize wear at applied loads. It is based on a calculation of wear at non-seizure loads on the way to determining the weld point. (ASTM D2596)



### WELD POINT

Measures the lowest applied load at which the sliding metal surfaces seize and then load. This is done with a Four-Ball Extreme Pressure (EP) Tester. (ASTM D2596)



## TYPICAL PROPERTIES

Base Oil Properties	Conditions	Rheolube® 380	Rheolube® 380-G1	Test Method
Chemistry		PAO / Ester	PAO / Ester	
Temperature Range		-50 to 130 °C	-50 to 130 °C	
Kinematic Viscosity	40 °C	34 cSt	37 cSt	ASTM D445
Viscosity Index		137	130	ASTM D2270
<b>Grease Properties</b>				
NLGI Grade		2	1	
Oil Separation	24 h, 100 °C	4.5%	18.6%	ASTM D6184
PDSC	150 °C, 35000 kPa O2, 20mg sample, 24 h	20 h & 38 min	More than 24 h	ASTM D6186

## PACKAGING OPTIONS

Nye greases are available in a variety of packaging sizes for both high- volume automated production dispensing and small volume manual dispensing, such as field repair activities.

- 🔹 50 gram tubes
- 🔹 35 lb pails
- 🔹 500 gram jars
- 🔹 110lb kegs

Please contact us at [orders@nyelubricants.com](mailto:orders@nyelubricants.com) for more information.



**Since 1844: Our performance is reflected in the value we bring to our customers.**

Nye Lubricants is a leader in the innovation, formulation and provision of synthetic lubricants, enabling and improving breakthrough products and critical new technologies. We bring proven experience, deep technical knowledge and customer focus to solve our customers' toughest challenges, adding tangible value to products in a wide range of industries and applications.

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