

***NB.*** ***QUALITY***  
MAINTENANCE INNOVATIONS

# NB QUALITY GROUP

*Biggest Baltic Technical Aerosol Brand*

Owned by Urmo Aava, Silver Kütt & JNG Investments (Jungent)



**2009**

Established



**5**

Countries



**200+**

NBQ Chemical Products



**100,000+**

Total Products



**1,200+**

Customers



**#1**

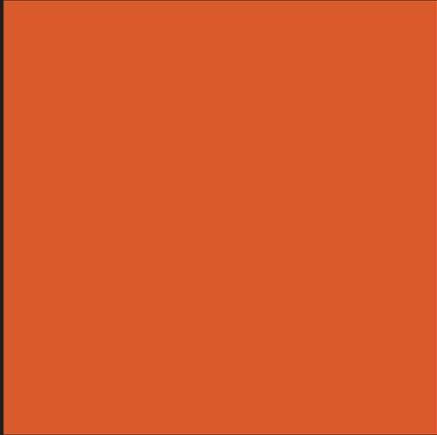
Baltic Aerosol Brand

Cleaners · Lubricants · Paints · Glues · Food Industry · Washing Liquids

# NB QUALITY GROUP

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- *Most of the products with our own unique recipes*
- *Lot different recipes for main products to choose from*
- *We develop new products accordingly to Baltic customer feedback*
- *Latvian language labels with REACH compliance and UV protection*
- *Possible to develop new products for important customers*



# Solvent Cleaners

## Product Comparison

4 products

Final cleaning range

# Product Range

C10

## Brake Clean

Standard cleaner

General-purpose metal cleaner. Fast evaporation. Removes coolant, water/oil emulsions, and brake fluid. The baseline for comparison.

PETROL + ALCOHOLS

FAST EVAP.

GENERAL USE

C11

## Brake Clean Strong 2

Heavy-duty cleaner

Heavy equipment & industrial surfaces. 2× cleaning power & evaporation time. Removes heavy greases, diesel oil, transmission oil.

PETROL + XYLENE

2× POWER

INDUSTRIAL

C12

## Strong Clean

Maximum strength

Intake & exhaust systems cleaning. 3× cleaning power — strongest formula. Removes soot, combustion residue, resins. Longer work time.

PETROL + KETONE

3× POWER ★

ENGINE SYSTEMS

C13

## Safe Clean

Specialized cleaner

Silicone & adhesive removal. 2× surface safety — gentlest on delicate surfaces. Removes silicone, sticker glue, label adhesives.

XYLEN + PETROL

2× SAFE ★

ADHESIVE REMOVAL



# Composition & Ingredients

Property	Brake Clean	Brake Clean Strong 2	Strong Clean	Safe Clean
Primary Solvent	Petrol	Petrol	Petrol	Xylen
Secondary Solvent	Isopropanol	Xylene	Xylene	Petrol
Tertiary Solvent	Ethanol	Acetone	Ketone	—
Cleaning Power	1× (baseline)	2×	3× ★	2×
Evaporation Time	1× (fast)	2× (medium)	3× (slow) ★	2× (medium)
Surface Safety	1× (standard)	2× (good)	3× (best) ★	2× (good) ★

★ = Best in category



# Comparative Performance

All values relative to Brake Clean (baseline = 1x)

 Brake Clean

 Brake Clean Strong 2

 Strong Clean

 Safe Clean

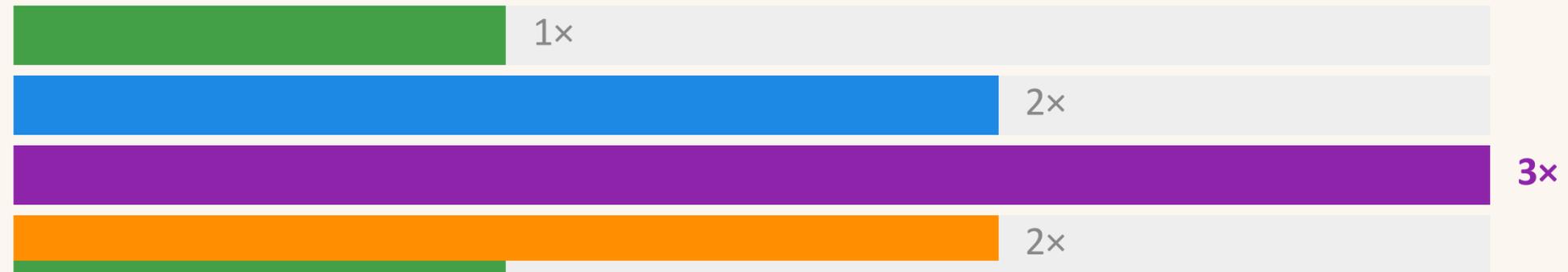
## CLEANING POWER

Higher = more aggressive cleaning



## EVAPORATION TIME

Higher = longer working time



## SURFACE SAFETY

Higher = gentler on delicate surfaces



## HEALTH RISK

Higher = more precautions needed



# Special Cleaning Applications

Substance / Application	Brake Clean	Brake Clean Strong 2	Strong Clean	Safe Clean
General metal cleaning	★★★	★★	★	
Coolant removal	★★★	★★		
Brake fluid removal	★★★	★★		
Water/oil emulsions	★★★	★★		
Heavy-duty greases	★	★★★	★★	
Diesel & transmission oil		★★★	★★	
Intake/exhaust soot		★	★★★	
Combustion residue		★	★★★	
Resins		★	★★★	
Silicone removal			—	★★★
Sticker/label adhesive			—	★★★



# Quick Selection Guide

## Brake Clean

Your everyday cleaner. Fast-evaporating for quick jobs. Perfect for brake parts, general degreasing, coolant cleanup. The safe starting point.

**BEST FOR: GENERAL CLEANING & BRAKES**

## Brake Clean Strong 2

When standard isn't enough. Heavy equipment, industrial surfaces, stubborn greases and oils. 2× the power with manageable risk.

**BEST FOR: HEAVY INDUSTRIAL DEGREASING**

## Strong Clean

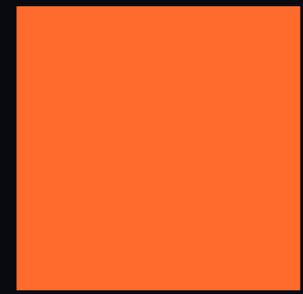
Maximum strength for maximum deposits. Intake manifolds, exhaust systems, baked-on carbon, combustion residue. Use with full PPE.

**BEST FOR: ENGINE SYSTEMS & CARBON**

## Safe Clean

The specialist. Silicone sealant removal, sticker residue, label adhesive. Gentle on surfaces but tough on sticky stuff.

**BEST FOR: SILICONE & ADHESIVE REMOVAL**



# Rust Loosers

## Product Comparison

5 products

Aerosol range

# Product Range

L20

## Rust Loose

Thin oil based

Mineral oil, special solvents & anti-corrosion additives. Does not dry out — ideal for soaking thick, long-term rust.

NO MECH. ADDITIVES

OIL LUBRICATION

15 MIN REACT.

L24

## RL Graphite

Solvent based

Solvents, acetyl, thin oil & graphite. Best penetration with graphite powder lubrication. Fast 5 min reaction.

GRAPHITE

5 MIN REACT.

DRIES 30–180 MIN

L22

## Rust Penetrant

Solvent based

Solvents, thin oil & MoS<sub>2</sub>. Best penetration with MoS<sub>2</sub> powder lubrication. Fast-acting for rusted connections.

MOS<sub>2</sub>

5 MIN REACT.

DRIES 60–180 MIN

L25

## RL Shock

Solvent based

Solvents, thin oil, freeze gas & MoS<sub>2</sub>. Fastest 2-min reaction with thermal shock effect.

MOS<sub>2</sub> + FREEZE GAS

2 MIN REACT. ⚡

L28

## Rust Loose X

Acid based

Special acids & micro fluid. Best chemical reaction for severe oxidation. Extremely needs assembly lubricant.

MICRO FLUID

ACID-BASED

5 MIN REACT.

# Technical Comparison – Composition & Type

Property	<b>Rust Loose</b>	RL Graphite	<b>Rust Penetrant</b>	<b>RL Shock</b>	<b>Rust Loose X</b>
Type	Thin oil based	Solvent based	Solvent based	Solvent based	<b>Acid based ★</b>
Main Components	Mineral oil, solvents, anti-corrosion	Solvents, acetyl, thin oil, graphite	Solvents, thin oil, MoS <sub>2</sub>	Solvents, thin oil, freeze gas, MoS <sub>2</sub>	Special acids, micro fluid
Mechanical Additives	<b>None</b>	Graphite	<b>MoS<sub>2</sub></b>	<b>MoS<sub>2</sub></b>	<b>Micro fluid</b>

★ = Unique / standout property for this product

# Performance Comparison

 Rust Loose

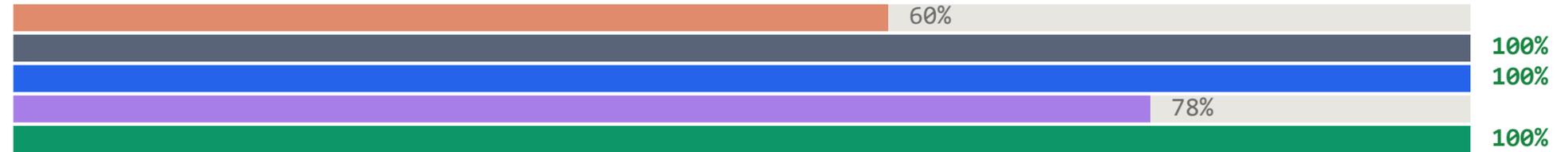
 RL Graphite

 Rust Penetrant

 RL Shock

 Rust Loose X

PENETRATION POWER



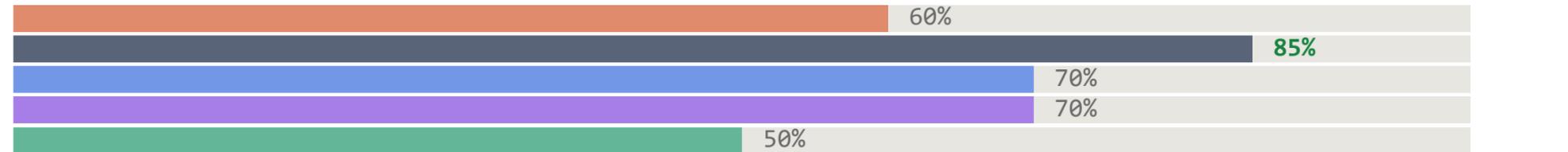
REACTION SPEED



CHEMICAL REACTION



DISASSEMBLY LUBRICATION



CORROSION PROTECTION



# Lubrication & Protection

Property	Rust Loose	RL Graphite	Rust Penetrant	RL Shock	Rust Loose X
Disassembly Lube	Oil lubrication	Graphite powder	MoS <sub>2</sub> powder	MoS <sub>2</sub> powder	Microfluid
Assembly Lube	Mid ★	Very low	Low	Low	Very low
Corrosion Protection	Mid ★	Low	Low	Low	Very low
Assembly Lube Needed?	Can be needed	Needed	Needed	Needed	Extremely needed!

## KEY INSIGHT

Rust Loose is the only product with meaningful assembly lubrication and corrosion protection after use. All other products — especially Rust Loose X — require a separate assembly lubricant to be applied afterwards. The faster and more chemically aggressive the product, the less post-treatment protection it provides.

# Quick Selection Guide

## Rust Loose

Go-to for thick, long-term rust. Only product that does not dry out — soak overnight on heavy machinery. Best assembly lubrication & corrosion protection. Budget-friendly option.

**BEST FOR: DEEP SOAK & ECONOMY**

## Rust Loose Graphite

Best penetration with graphite powder. Top pick for spark plugs, injectors & rusted connections. Very good chemical reaction. Dries in 30–180 min. Needs assembly lubricant.

**BEST FOR: PRECISION + GRAPHITE**

## Rust Penetrant

Best penetration with MoS<sub>2</sub> technology. Same speed as Graphite but different lubrication approach. Ideal for spark plugs, injectors & rusted connections.

**BEST FOR: MOS<sub>2</sub> PENETRATION**

## Rust Loose Shock

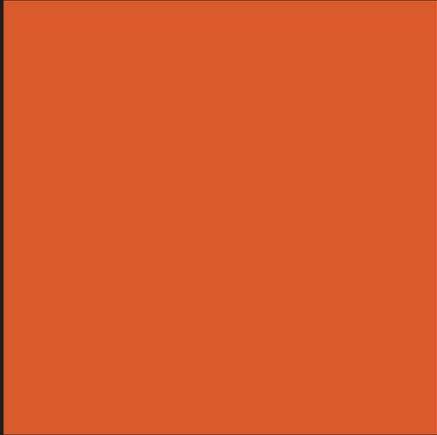
Fastest reaction — only 2 minutes! Freeze gas + MoS<sub>2</sub> creates thermal shock that cracks rust bonds. When standard penetrants are too slow.

**BEST FOR: SPEED + FREEZE SHOCK**

## Rust Loose X

Strongest chemical reaction — acid-based with micro fluid. For severe oxidation that other products can't handle. Assembly lubricant extremely needed after use.

**BEST FOR: EXTREME OXIDATION**



# Assembly Greases

## Product Comparison

5 products

Grease range

# Product Range

L70

## Super Lube

Calcium complex

High adhesion assembly grease with mineral oil base. Excellent for suspension, lifting parts, slideways, electrical connections & brake parts.

NO MECH. ADDITIVES

NLGI 1/2

-30 TO +170°C

L71

## Brake Grease

Calcium complex

Assembly grease with copper additives. Designed for brakes, suspension, ovens & exhaust systems. Temperature range up to +1100°C.

COPPER

NLGI 1/2

-40 TO +1100°C

L72

## Anti Seize Ceramic

Calcium + bentone

Premium ceramic assembly grease with borenitrite. Best corrosion resistance. For brakes, suspension, ovens & exhaust systems.

BN CERAMIC

NLGI 1

-40 TO +1200°C

L73

## Anti Seize Ceramic 2

Calcium complex

Ceramic assembly grease variant with borenitrite additives. Same temperature range as Anti Seize Ceramic with calcium complex base.

BN CERAMIC

NLGI 1

-40 TO +1200°C

L74

## TarSpray

Pine tar based

Natural pine tar spray for assembly. Best adhesion to surface. Ideal for bolts & nuts, suspension & body panels.

NATURAL BASE

SPRAY

-20 TO +80°C



# Technical Comparison – Composition & Type

Property	Super Lube	Brake Grease	Anti Seize Ceramic	Anti Seize C. 2	TarSpray
Grease Type	Calcium complex	Calcium complex	Calcium + bentone	Calcium complex	Pine tar
Base Oil	Mineral	Mineral	Mineral	Mineral	Natural
Mech. Additives	None	Copper	BN Ceramic	BN Ceramic	None
NLGI Class	1/2	1/2	1	1	—
Temp. Range	-30 to +170°C	-40 to +1100°C	-40 to +1200°C ★	-40 to +1200°C ★	-20 to +80°C
Base Oil Visc. (cSt@40°C)	110	110	460/110	460/110	—

★ = Unique / standout property for this product

# Performance Comparison


**Super Lube**


**Brake Grease**


**Anti Seize Ceramic**


**Anti Seize C. 2**


**TarSpray**

## LOAD CAPACITY



## TEMPERATURE RESIST.



## CORROSION PROTECTION



## WATER RESISTANCE



## ADHESION



Shell 4-Ball Load Test (Nm):

2500

2600

2600

2400

—



# Quick Selection Guide

## Super Lube

Versatile assembly grease for the widest range of applications. Only product suitable for electrical connections, slideways & lifting parts. Budget-friendly general-purpose option.

**BEST FOR: GENERAL PURPOSE & VERSATILITY**

## Brake Grease

Copper-based grease for brakes, suspension & exhaust. Temperature resistance up to +1100°C. Excellent load capacity (2600 Nm). Best balance of performance and coverage.

**BEST FOR: HIGH-TEMP ASSEMBLY**

## Anti Seize Ceramic

Premium ceramic grease with best corrosion resistance and highest temperature range (+1200°C). Bentone thickener for extreme conditions. Top load capacity.

**BEST FOR: PREMIUM ANTI-SEIZE & CORROSION**

## Anti Seize Ceramic 2

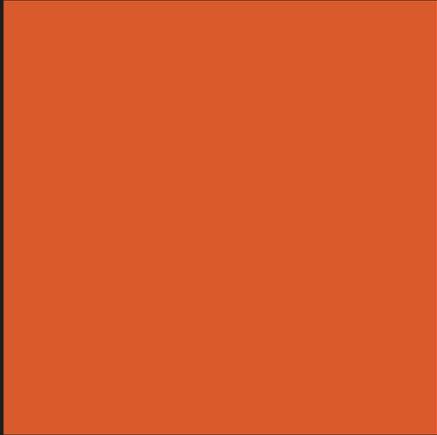
Alternative ceramic formulation with calcium complex base. Same extreme temperature range as Ceramic 1. For applications where bentone thickener is not required.

**BEST FOR: CERAMIC WITHOUT BENTONE**

## TarSpray

Natural pine tar spray with highest adhesion rating. Unique spray application for body panels, bolts & nuts. Only natural-base product in range. Easy spray-on application.

**BEST FOR: ADHESION & SPRAY APPLICATION**



# Slideway Lubricants

## Product Comparison

8 products

Oil & grease range

# Product Range – Oil Based

L50

## PTFE Oil

Fully synthetic

Light synthetic ester oil with PTFE. For small mechanisms, low load slideways, small wires & ropes, antennas & locks.

PTFE

31 cSt

-55 TO +250°C

L51

## PTFE Lube

Semi-synthetic

Medium viscosity semi-synthetic oil with PTFE. For mid load mechanisms & slideways, locking mechanisms, hinges & limiters.

PTFE

475/20 cSt

-35 TO +200°C

L52

## Sticky PTFE Lube

Semi-synthetic

High adhesion semi-synthetic oil with PTFE. For high load slideways, lifting systems, slow chains & hinges. Very good corrosion protection.

PTFE

300 cSt

-40 TO +200°C

L53

## Synthetic Chain Lube

Fully synthetic

Ultra high viscosity synthetic for extreme loads. Best adhesion & water resistance. For fast & very high load mechanisms, cables, assembly.

NO ADDITIVES

40000 cSt

-40 TO +200°C

L54

## Durable Lube

Fully synthetic

Synthetic ester for rapidly changing temperatures. For chains, cables, slideways under varying conditions. Food grade version available (NSF H1).

NO ADDITIVES

320 cSt

-35 TO +250°C

# Product Range – Grease Based

L55

## Food Synthetic Lube

Calcium sulphonate

Food-safe synthetic grease with PTFE. NLGI 1. For high load slideways, cutting knives, bearings, chains & cables. NSF H1 available.

PTFE

NLGI 1

-30 TO +220°C

L56

## White Grease

Lithium soap

Mineral-based white grease with PTFE. NLGI 1/2. For electrical protection, mid-high slideways, lift & chain mechanisms, assembly.

PTFE

NLGI 1/2

-30 TO +160°C

L57

## Chain & Cable Grease

Lithium soap

Mineral-based grease with MoS<sub>2</sub> for heavy-duty applications. Best water & corrosion resistance. For cables, high load slideways, lifts, chains, assembly.

MOS<sub>2</sub>

NLGI 1

-30 TO +160°C



# Technical Comparison – Composition

Property	PTFE Oil	PTFE Lube	Sticky PTFE	Synth. Chain	Durable	Food Synth.	White Gr.	Chain&Cable
Base Type	Oil	Oil	Oil	Oil	Oil	Grease	Grease	Grease
Base Oil	Synth. ester	Semi-synth.	Semi-synth.	Full synth.	Synth. ester	Full synth.	Mineral	Mineral
Mech. Additive	PTFE	PTFE	PTFE	None	None	PTFE	PTFE	MoS <sub>2</sub>
NLGI Class	—	—	—	—	—	1	1/2	1
Viscosity (cSt)	31	475/20	300	40000 ★	320	396	200	111/475
Temp. Range	-55/+250 ★	-35/+200	-40/+200	-40/+200	-35/+250	-30/+220	-30/+160	-30/+160
Load Test (Nm)	900	1500	2300	3000 ★	1700	2000	2400	2500

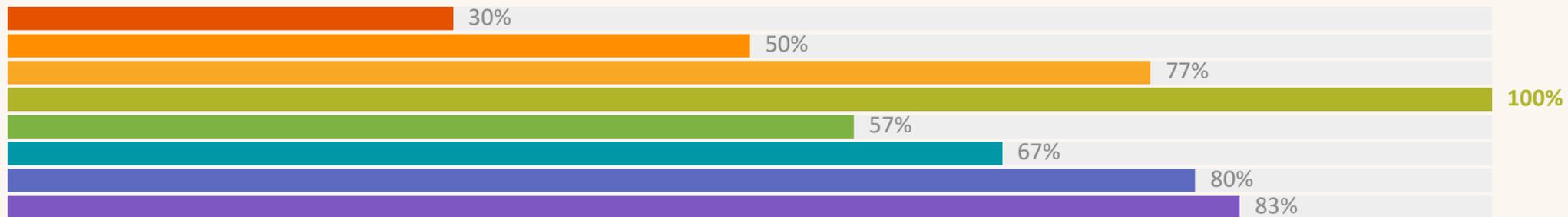
★ = Standout property for this product



# Performance Comparison



## LOAD CAPACITY



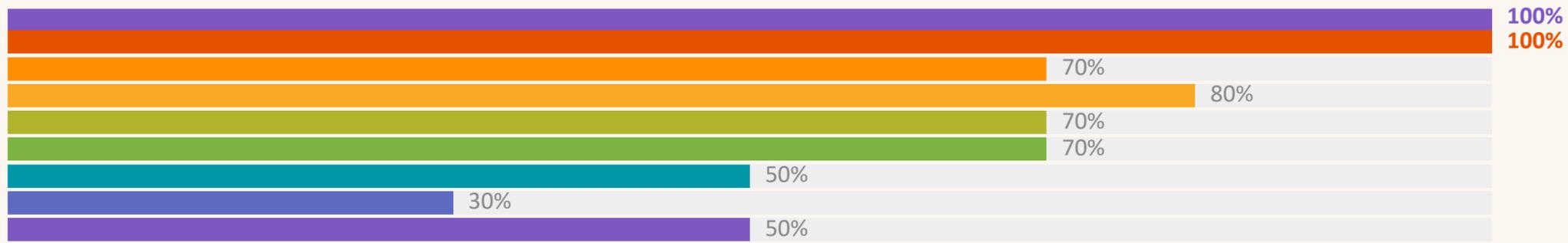
## WATER RESISTANCE



## CORROSION PROTECT.



## PENETRATION



## ADHESION





# Quick Selection Guide

## PTFE Oil

Light synthetic for small mechanisms, low loads, locks & antennas. Best cold temp ( $-55^{\circ}\text{C}$ ) & penetration.

**BEST FOR: SMALL MECHANISMS**

## PTFE Lube

Mid-range semi-synthetic for hinges, limiters, mid load slideways.

**BEST FOR: MID-LOAD GENERAL**

## Sticky PTFE

High adhesion for high loads, lifting systems, slow chains.

**BEST FOR: HIGH-LOAD SLIDEWAYS**

## Synth. Chain

Ultra-performance for extreme loads, cables, fast mechanisms. Best in class.

**BEST FOR: EXTREME LOADS**

## Durable Lube

For rapidly changing temps ( $-35$  to  $+250^{\circ}\text{C}$ ). Food grade available.

**BEST FOR: TEMP EXTREMES**

## Food Synth.

NSF H1 food-safe grease for cutting, bearings, high loads.

**BEST FOR: FOOD-SAFE**

## White Grease

Electrical protection grease, lift mechanisms, chain assembly.

**BEST FOR: ELECTRICAL**

## Chain&Cable

Best water & corrosion. Heavy-duty cables, lifts, chains.

**BEST FOR: CABLES & CHAINS**

**Thank You!**

————— ***NB. QUALITY***

