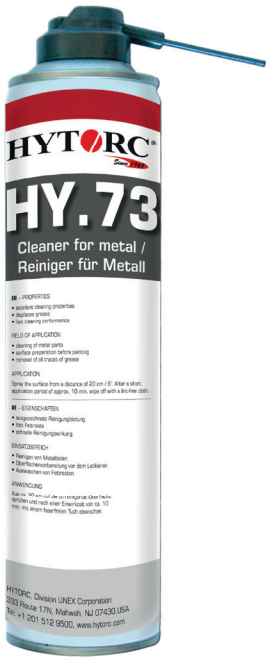
HY.73
Cleaner for metal



Application areas

- general cleaning of bare metal
- cleaning of systems in the automotive industry and workshops, tools, surfaces, roller bearings
- removal of adhesive residue maintenance
- before painting or lubricating

HY.73 is a cleaner for use as a universal grease solvent. HY.73 is based on an environmentally friendly,
special combination of solvents and possesses high grease dissolving power.

After the evaporation of the solvent a grease free surface remains in order to allow for the proper application of the assembly pastes (HY.50 / HY.52 / HY.55 / HY.56).

You want to shine with absolutely clean surfaces and ensure that your selected HY High Performance Pastes perfectly stick to these surfaces? Then don't hesitate and use HY.73 whenever and wherever you can!

Benefits

- fast
- high cleaning strength
- loosens adhesive residue
- no CFCs
- simple to apply

HYTORC BENELUX

MEMBER OF IBTS group

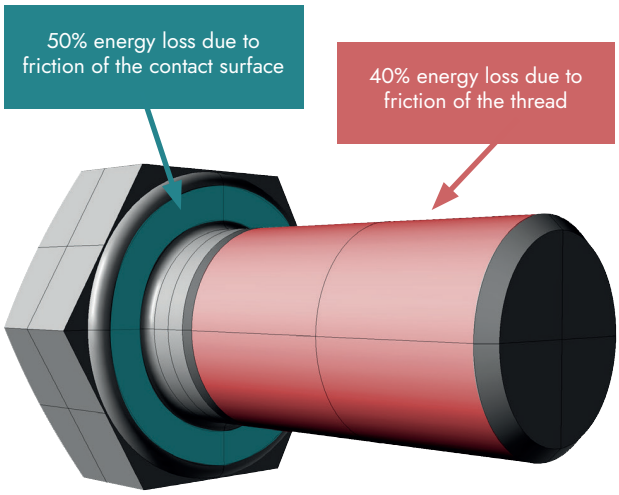
Learn more?
Call +31 24-3660 660 and visit hytorc.nl

Ver.08.12.25

HYTORC lubricants
Product Overview

Why the quality of lubricants is important

In screw processes, an optimal conversion of torque into clamping force is needed in order to use as little energy as possible. Our innovative fasteners and torque tools do an excellent job, but still a large portion of the energy is lost due to friction. Thus, with the usual friction coefficients, only 10% of the energy used is converted into clamping force!



The solution to this problem is the use of lubricants. These generally reduce friction, so that a much higher clamping force can be achieved when using lubricated fasteners. In addition, the partial overloading of the surface, which destroys the friction surface of the fastener in the long term, is reduced. The result is a longer material lifespan.

Why HY?

By using our special HY lubricants, there are even more advantages: Firstly, you get everything from a single source, and secondly, the high-quality lubricants are precisely tailored to the specific application area.
For you, this means less effort in the procurement process, and you can be confident that the friction coefficients are reproducible and therefore predictable. This optimizes the conversion of torque into clamping force, ensuring that the joint is safe and durable. By choosing the right lubricant, you also prevent damage to the material of the joint, which can occur when using the wrong pastes.

Our products

- HY .50 Special lubricant paste
- HY .52 Special white lubricant paste
- HY .55 Hot screw paste
- HY .56 High temperature paste
- HY .61 Penetrating spray
- HY .73 Metal cleaner

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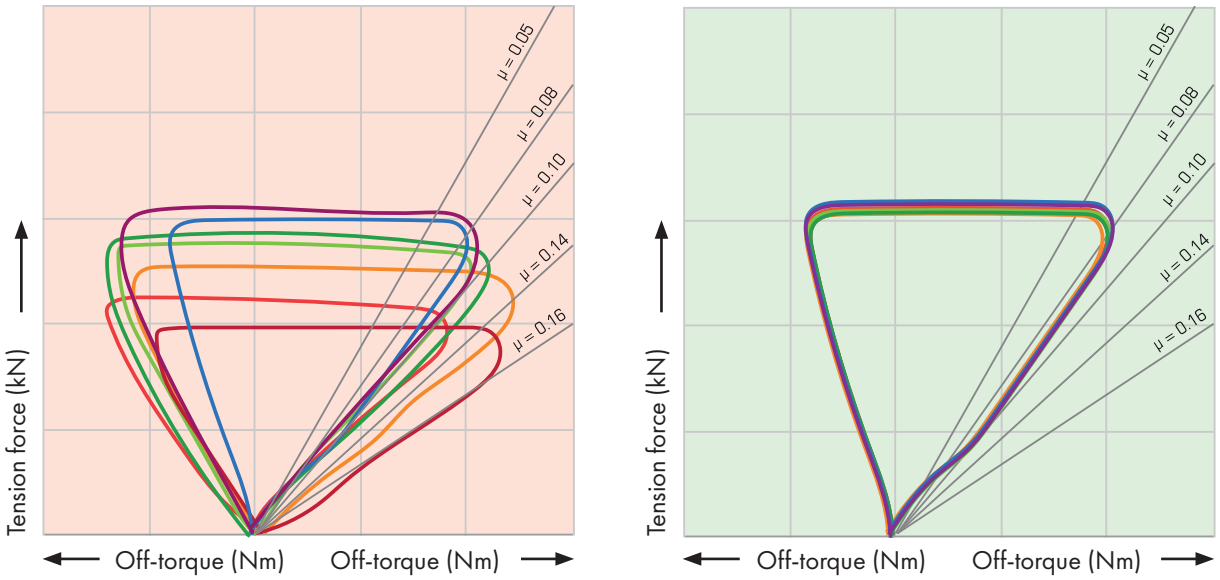
Poor lubrication compared to good lubrication



Lubricants overview

Product	Type	Friction coefficient	Temperature range	Typical application
HY.50	Paste	0.05 – 0.08 μ min	-35 – 450 °C / -31 – 842 °F *)	• Precision work • Assembling and running-in of components
HY.52	Paste	0.1 μ min	-25 – 110 °C / -13 – 230 °F	• For clean connections – also in the food industry • Irregular and vibrating movements
HY.55	Paste	0.09 – 0.12 μ min	-40 – 1.200 °C / -40 – 2.192 °F	• Application at higher temperatures
HY.56	Paste	0.12 μ min	-20 – 1.000 °C / -4 – 1.832 °F	• A higher friction coefficient
HY.61	Penetration spray	–	-40 – 80 °C / -40 – 176 °F	• Pretreatment for loosening
HY.73	Cleaner	–	+21 °C / 70 °F	• Pretreatment for lubrication

*) Temperature range for HY.50 application:
-25 to 400 °C (-13 – 752 °F): general lubricant
-35 to 450 °C (-31 – 842 °F): assembly applications (thin layer)
up to 630 °C (1,166 °F): with reduced oxygen exposure