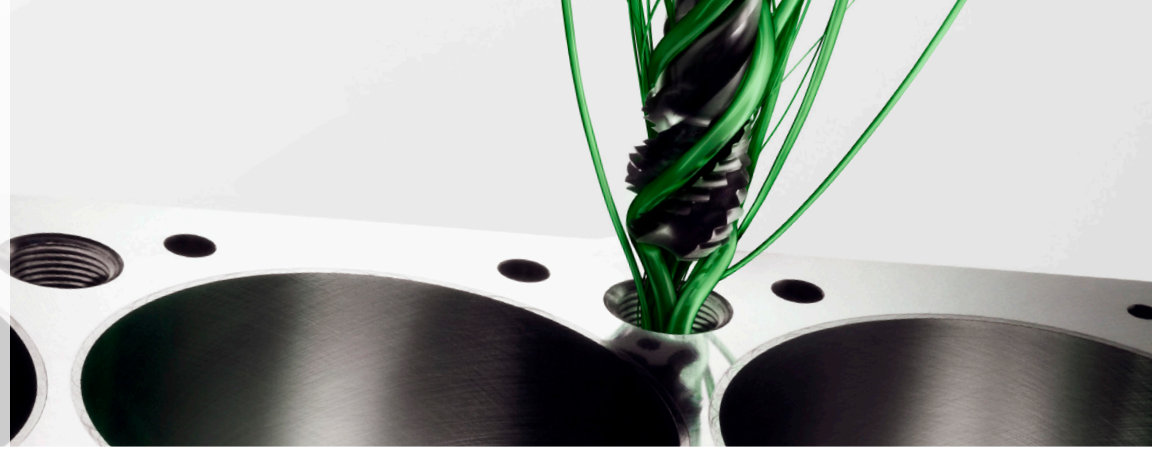


CASTROL® ALUSOL®

PRODUCT CATALOG



WHAT CHALLENGES DO YOU FACE?

Today, the demand for lighter products from the automotive, machinery and fabricated-metal-goods business is driving the need for precision-made aluminum components. However, complex designs are hindering modern manufacturers when creating aluminum-machining solutions.

Specifically, aluminum can cause edge build-up on tools, resulting in quality issues from the very first cut due to changes in the tool's shape.

HOW DOES CASTROL® ALUSOL® TACKLE THESE ISSUES?

By delivering lubricity additives where the tool edge and work piece meet, Castrol Alusol virtually eliminates metal build-up, even at low concentrations, to make precision machining of aluminum a reality.

WHY CASTROL ALUSOL?

As a family of soluble cutting fluids, Castrol Alusol overcomes the challenges that come with machining aluminum, delivering consistent precision performance.

Products within this portfolio offer world-class corrosion protection that makes Alusol the ideal solution for machining aluminum and low to medium alloyed steel.

You will find detailed information about all the products within the Castrol Alusol family on the following page.

PRODUCT DATA

Y = Suitable – varies by application (refer to PDS)

N = Not Suitable

C = Consult Castrol representative prior to use

PRODUCT NAME	PERFORMANCE	TYPICAL pH RANGE 5% DILUTION	APPEARANCE	REFRACTOMETER FACTOR	MATERIAL SUITABILITY					
					CAST IRON	LOW-MEDIUM ALLOYED STEEL	HIGH ALLOYED STAINLESS STEEL	ALUMINUM	TITANIUM ALLOYS	YELLOW METALS
Alusol SL 51 XBB	Medium to Heavy Duty	9.2-9.8	Milky	1	Y	Y	Y	Y	C	Y
Alusol SL 61 XBB	Heavy Duty	8.8-9.5	Milky	1.1	Y	Y	Y	Y	C	Y
Alusol SL 78 XBB	Heavy Duty	9.0-9.4	Milky	1.1	Y	Y	Y	Y	Y	Y