

**Global Manufacturer of Metalworking Fluids, Industrial Lubricants & Cleaners**

# ArrowCut

## Cutting Oil Products

Visit [www.chemarrow.com](http://www.chemarrow.com) to learn more about our full line of metalworking fluids & to read case studies from actual customers.

Chem Arrow's over 48 years of formulating and manufacturing experience has enabled us to develop a comprehensive line of quality cutting oils. Chem Arrow's ArrowCut line offers products suited to meet a wide range of applications and alloys.

Our world class offering of cutting oil products are formulated with highly refined base stocks which provide outstanding performance. Chem Arrow's elite line of fluids will increase productivity and lower overall operating costs.



Wide variety of applications including Swiss machining & grinding



Multi-metal capabilities



Superior finishes & enhanced tool life



EP & anti-weld properties



Low misting



AQMD super compliant/compliant



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# ArrowCut Cutting Oil Products

PRODUCT NAME	DESCRIPTION	VIS/SUS 100 °F	ISO GRADE	OIL TYPE	FERROUS	MULTI METAL	CHLORINE	AMBER CLEAR/ YELLOW	SULFUR ACTIVE	SULFUR INACTIVE	FLASH POINT °F	FLASH POINT °C
STANDARD RANGE												
ArrowCut 10	Light viscosity, general purpose oil. Ideally suited for Swiss machining applications optimizing a variety of EP additives.	60	10	Severely hydrotreated	Y	Y	Y	Y	N	Y	289	143
ArrowCut 10-CF	Light viscosity, general purpose oil. Ideally suited for Swiss machining applications. Chlorine free.	60	10	Severely hydrotreated	Y	Y	N	Y	N	Y	270	132
ArrowCut 15	Designed for both ferrous and non-ferrous grinding, drilling and general machining.	80	15	Severely hydrotreated	Y	Y	Y	Y	N	Y	270	132
ArrowCut 15-CF	Designed for both ferrous and non-ferrous grinding, drilling and general machining. Chlorine free.	80	15	Severely hydrotreated	Y	Y	N	Y	N	Y	270	132
ArrowCut 35011	Heavy duty cutting oil designed for tough applications such as gun drilling, broaching and threading.	80	15	Severely hydrotreated	Y	Y	Y	Y	Y	N	270	132
ArrowCut 35003	General purpose cutting and grinding oil. Exceptional performance on gear grinding operations.	100	20	Severely hydrotreated	Y	N	N	Y	Y	N	378	192
ArrowCut 22	Clean running, low foam product designed for multiple precision machining applications.	120	22	Severely hydrotreated	Y	Y	Y	Y	N	Y	331	166
ArrowCut 22-CF	Clean running, low foam product designed for multiple precision machining applications. Chlorine free.	120	22	Severely hydrotreated	Y	Y	N	Y	N	Y	329	165
ArrowCut 32	General purpose machining and grinding oil utilizing advanced EP lubricity additives.	150	32	Severely hydrotreated	Y	Y	Y	Y	N	Y	329	165
ArrowCut 32-CF	General purpose machining and grinding oil with a wide application range. Chlorine free.	150	32	Severely hydrotreated	Y	Y	N	Y	N	Y	329	165
ArrowCut 28-M	Developed for difficult applications requiring extreme pressure additive applications such as drilling, broaching and tapping.	150	36	Severely hydrotreated	Y	Y	Y	Dark brown	Y	N	270	132
ArrowCut 46	Medium viscosity oil designed for a variety of applications and alloys. Provides exceptional tool life and surface finish.	200	46	Severely hydrotreated	Y	Y	Y	Y	N	Y	329	165
ArrowCut 46-CF	Medium viscosity oil designed for a variety of applications and alloys. Clean running and outstanding operator acceptance.	200	46	Severely hydrotreated	Y	Y	N	Y	N	Y	329	165
HIGH PERFORMANCE RANGE												
ArrowCut G005	Grinding oil designed for multiple applications including carbide grinding. High lubricity, cooling and low foam.	45	5	Ester	Y	Y	N	Y	N	N	302	150
ArrowCut G010	Grinding oil designed for multiple applications including carbide grinding. High lubricity, cooling and low foam.	80	10	Ester	Y	Y	N	Y	N	N	302	150
ArrowCut V10-HF	Veg-ester cutting oil designed for high-performance Swiss machining. Clean running, high lubricity.	90	15	Veg	Y	Y	N	Y	N	Y	405	207
ArrowCut V22-HF	Veg-ester cutting oil designed for high-performance Swiss machining. Clean running, high lubricity.	100	20	Veg	Y	Y	N	Y	N	Y	430	221