

 **DIE CASTING**

**North American Headquarters**

**Quaker Chemical Corporation**

One Quaker Park  
901 E. Hector Street  
Conshohocken, PA 19428-2380  
U.S.A.  
+1.610.832.4000

**European Headquarters**

**Quaker Chemical B.V.**

Industrieweg 7  
1422 AH Uithoorn  
The Netherlands  
+31.297.544644

**Asia/Pacific Headquarters**

**Quaker Chemical (China) Co., Ltd.**

No. 619 TianYing Road  
Qingpu Industrial Park  
Shanghai 201700  
People's Republic of China  
+86.21.3920.1666

**South American Headquarters**

**Quaker Chemical Indústria e Comércio Ltda.**

Avenida Brasil, no 44.178  
Distrito Industrial de Campo Grande  
23.078-000 - Rio de Janeiro - RJ  
Brazil  
+55.21.3305.1800

[quakerchem.com](http://quakerchem.com)



Die Casting  
Product Line

# Die Casting Product Line

PRODUCT

CATEGORY

DESCRIPTION

## DIE RELEASE AGENTS

DIE SLICK® 1750 A Series	Semi synthetic	Performs on large and small castings; excellent solder resistance; excellent release and bright cosmetic casting finish
DIE SLICK® 1850 A Series	Synthetic	Excellent release and bright cosmetic casting finish; excellent solder resistance at elevated temperatures
DIE SLICK® 1950 A Series	Semi synthetic; wax free	Excellent solder resistance; excellent release and bright cosmetic casting finish
DIE SLICK® 2050 A Series	Semi synthetic; wax free	Heavy duty; used with multiple alloys; excellent release and bright cosmetic casting finish

## PLUNGER LUBRICANTS

POLYSLICK® 31	Graphite free wax (1.0mm - 1.5mm)	Less porosity; stronger castings and reduced hard spots; burns cleaner; reduce residue; increases shot velocity
POLYSLICK® 100	Graphite free wax (1.5mm - 2.0mm)	Less porosity; stronger castings and reduced hard spots; burns cleaner; reduce residue; increases shot velocity
POLYSLICK® 76P	Wax with graphite (1.0mm - 1.5mm)	Strong adherence; extends tip and sleeve life; burns cleaner; reduce residue
POLYSLICK® 87B	Wax with graphite (1.5mm - 2.0mm)	Strong adherence; extends tip and sleeve life; burns cleaner; reduce residue
PLUNGER SLICK™ 110	Oil based graphite free	Strong adherence; extends tip and sleeve life; does not promote corrosion or pitting
PLUNGER SLICK™ 160	Oil based graphite free	Improves plunger tip life; reduced friction in shot profile
PLUNGER SLICK™ 200T	Talc based	Strong adherence; extends tip and sleeve life; engineered boundary protection; reduces smoke, stain, and mess
PLUNGER SLICK™ 202	Oil based graphite	Strong adherence; extends tip and sleeve life; engineered boundary protection; reduces smoke, stain, and mess
PLUNGER SLICK™ 360 WS	Oil based graphite free	Strong adherence; extends tip and sleeve life; does not promote corrosion or pitting
PLUNGER SLICK™ 450	Oil based graphite free	Strong adherence; extends tip and sleeve life; does not promote corrosion or pitting
PLUNGER SLICK™ 655	Water based graphite free	Strong adherence; extends tip and sleeve life; does not promote corrosion or pitting; cleans easily
PLUNGER SLICK™ 2000	Water based graphite free	Strong adherence; extends tip and sleeve life; does not promote corrosion or pitting; quick wetting characteristics

## HYDRAULIC FLUIDS

QUINTOLUBRIC® 702-46 RD	HFC: Water glycol	Superior liquid and vapor phase corrosion protection; has a high viscosity index; excellent shear stability and chemical thermal and hydrolytic stability
QUINTOLUBRIC® 888-46	HFD-U: synthetic polyol ester	Fire-resistant global formulation that provides excellent shear stability; best-in-class oxidation stability; and is environmentally friendly
QUINTOLUBRIC® 865	"HFD: Based on naturally occurring esters (vegetable oils)"	Excellent lubrication properties; non-toxic and non-irritating; product is readily biodegradable

## ANCILLARY PRODUCTS

QUAKERTEK™ LX 2201	Lithium complex lubricating grease	General purpose grease; performs well at high temperatures with a high dropping point of 500°F; extremely water resistant
LADLE SLICK™ 1	Ladle coating - oil based paste	Adhesion preventive for non-ferrous alloys used on thermocouples, stalk tubes, troughs, skimmers and automatic or manual ladles
ANTI-SOLDER™ 7	Ant solder paste - soft wax compound	Removes solder build up and improves release
HEAT SLICK™ 200	Heat transfer oil	Non-toxic, non-corrosive, low odor heat transfer fluid that can absorb heat quickly and transport it to the material or process requiring temperature control
TRIM SLICK™ 909	Water Soluble	Improves trim life; excellent boundary lubrication; leaves minimal residue
QUENCH SLICK™ 400	Water Soluble	Protects parts from rusting; excellent heat dissipation

## METAL WORKING PRODUCTS

QUAKERCLEAN® 624 MPC	Synthetic, Semi-Synthetic, emulsifiable coolant removal	Simultaneously cleans and protects metal surfaces in a single processing step; designed for ferrous and non-ferrous alloys.
QUAKER FORMULA™ FX THUNDER	Synthetic	Product versatility; powerful detergent blend cuts through oil and grease making cleaning easier
QUAKERAL® 481	Micro-Emulsion	Pleasant odor for good operator acceptance; disperses easily in water; provides good micro-finish
QUAKERCOOL® 3511	Semi-synthetic	Provides excellent tramp oil rejection and reduced drag out; provides excellent sump life and microbiological resistance; excellent corrosion resistance; neutral odor