

Cutting edge coolant technology that provides performance and reliability



your local global brand

Neat Cutting Oil Range

Gulfcut Product	Ferrous	Aluminium	Yellow Metals	Grinding	General Machining	Heavy Duty	Viscosity @ 40°C	Chlorine	Sulphur	Key Features
GULFCUT 86-UA	**	****	****	**	*****	*****	9	X	X	For aluminium & yellow metals
GULFCUT 26-UA	**	***	X	**	****	***	22	**	**	General purpose grade
GULFCUT 79-UB	*****	**	X	*****	*****	****	28	****	****	High performance extreme pressure grade
GULFCUT 56-UA	****	**	****	***	*****	***	28	***	***	Contains non-active chlorine and sulphur EP
GULFCUT 79-UD	*****	**	X	***	*****	*****	24	****	****	Also suitable for tapping, thread rolling and gear cutting
GULFCUT 79-UC	****	****	X	***	****	****	37	****	***	Light coloured high performance EP grade
GULFCUT 76-UA	*****	****	***	*	*	*****	22	*****	*	High performance broaching grade
GULFCUT 76-UB	*****	****	***	*	*	*****	25	*****	***	Special tapping fluid
GULFCUT 79-UE	*****	X	X	*	***	***	5	***	***	Special honing and lapping fluid
GULFCUT 79-UF	*****	****	X	***	*****	*****	10	***	***	Special deep hole boring grade
GULFCUT 26-UB	****	****	*****	*	***	***	5	X	X	Honing fluid suitable for yellow metals
GULFCUT 46-UA	*****	*****	*****	****	*****	*****	22	X	X	Also suitable for gear cutting, grinding & drilling
GULFCUT 86-UB	***	****	****	****	****	**	10	X	X	Also suitable for reaming and burnishing
GULFCUT DTR	*****	***	X	X	*****	*****	75	*****	***	Drilling, tapping & reaming EP grade
GULFCUT DTR-S	*****	*****	*****	X	*****	*****	325	X	X	Synthetic DTR grade which can be used neat or with water-mix coolant
GULFCUT 46-UE	*****	*****	*****	****	****	***	28	X	X	Synthetic biodegradable min. lubrication, mist and flood applications & sawing

Protecting the Environment and the Operator Technical Support

At Gulf our responsibilities for Health & Safety and the environment are taken very seriously. For this reason, modern constituents free from potential health hazards and with minimal environmental impact are used in our range of metalworking products.

Wherever possible we use latest technology renewable materials in our formulations which help to achieve high performance without compromising today's finite resources. Traditional materials have been replaced with natural esters, biodegradable constituents and even vegetable based materials to maintain excellent levels of machining performance with minimal impact to both the operator and the environment.



The Gulf metalworking fluids range is already comprehensive, but unlike some of our competitors, we constantly adopt new advances in metalworking fluid technology to ensure that our products deliver ever increasing performance and improved health and safety.

We also offer help and guidance on coolant condition monitoring procedures, product and material testing and staff training. Our policy is to provide answers promptly, and we offer a fast response service for all technical enquiries regarding application or product.

Customer satisfaction is our priority, so even if you have a unique application, we have the necessary resources to develop a bespoke product that will meet your particular challenge.

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Gulf Cascade Soluble Coolants.

Taking metalworking fluids to a new level.



your local global brand

Whatever the challenge, there's a Gulf Cascade Coolant that will meet it.



your local global brand

Gulf Cascade Coolants come from a long established pedigree of high quality soluble metalworking fluids, with a world class reputation for reliability and performance.

Using technologically advanced chemistry, Gulf Cascade Coolants are designed to enhance operator safety and increase microbial control by combining a high level of machining performance with next generation components.



Key Features of Cascade Soluble Coolants

- Bacteria resistant technology
- Low foam chemistry designed for high pressures
- Products suitable for hard and soft water
- Protection against corrosion and stains
- Ultra long life and reduced downtime
- Easy to manage products
- Advanced, operator friendly chemistry
- Faster feeds and speeds for increased productivity
- Environmentally friendly constituents
- Multi-metal compatible
- Superior lubrication and cooling technology for maximised tool life



Gulf Cascade Product	Type	Water Suitability	Emulsion Type	High Alloy & Stainless Steel	Low to Medium Tensile Steel	Aluminium	Titanium	Copper & Brass	Cast Iron	Key Features
EXTREME PRESSURE COOLANTS										
CASCADE EP-SAX	Semi-Synthetic	Soft – Very Hard	Fine-Milky	*****	*****	*****	X	**	**	Multi-use, multi-metal extreme pressure performance
CASCADE EP-SA	Semi-Synthetic	Soft – Hard	Fine-Milky	*****	*****	*****	X	**	X	Ultra heavy duty extreme pressure grade for highly arduous applications
CASCADE EP-XLL	Semi-Synthetic	Soft – Hard	Translucent	***	*****	***	X	X	*****	Ultra long sump life product for demanding conditions
HEAVY DUTY CHLORINE-FREE COOLANTS										
CASCADE HD-SYNTH	Fully Synthetic	Soft – Hard	Clear	*****	*****	X	X	X	*****	Superb fully synthetic heavy duty grade
CASCADE HD-S	Semi-Synthetic	Soft – Hard	Fine-Milky	*****	*****	*****	*****	****	**	Ultimate chlorine-free heavy duty multi-metal performance, including sensitive aerospace alloys
CASCADE AF-ULTIMATE	Semi-Synthetic	Soft – Med. Hard	Translucent	*****	*****	*****	*****	*****	X	Boron and secondary amine free, ultra high performance multi-metal grade
CASCADE HD-M	Semi-Synthetic	Soft – Very Hard	Translucent	*****	*****	****	X	X	X	Magnesium suitable high performance grade
GENERAL PURPOSE CHLORINE-FREE COOLANTS										
CASCADE GP-ASB	Semi-Synthetic	Soft – Hard	Semi-Translucent	***	****	****	****	****	**	Versatile multi-use, multi-metal grade for medium duty applications
CASCADE GP-PÜ	Semi-Synthetic	Med – Med. Hard	Translucent	****	****	****	****	****	****	Highly popular general purpose product for light to medium duty applications
CASCADE GP	Conventional	Soft – Med. Hard	Milky	**	****	***	X	***	X	High quality, low cost milky emulsion soluble oil
SYNTHETIC SOLUBLE GRINDING FLUIDS										
CASCADE GR-SF	Fully Synthetic	Soft – Med. Hard	Clear	*****	*****	*****	*****	*****	*****	No grinding wheel residues. Boron free
CASCADE GR-S	Fully Synthetic	Soft – Med. Hard	Clear	*****	*****	*****	*****	*****	*****	Excellent general purpose product
CASCADE GR-TC	Fully Synthetic	Soft – Med. Hard	Clear	*****	X	X	X	X	X	Special tungsten carbide grinding fluid

Key ***** excellent **** very good *** good ** satisfactory * light duty machining X not suitable

Cascade Product Selector

ALUMINIUM MACHINING

Cascade EP-SAX
 Cascade EP-SA
 Cascade HD-S
 Cascade AF-Ultimate
 Cascade HD-M
 Cascade GP-ASB
 Cascade GR-SF
 Cascade GR-S

CAST IRON MACHINING

Cascade EP-XLL
 Cascade HD-Synth
 Cascade GR-SF
 Cascade GR-S
 Cascade GP-CS

STAINLESS AND HIGH ALLOY STEELS MACHINING

Cascade EP-SAX
 Cascade EP-SA
 Cascade HD-Synth
 Cascade HD-S
 Cascade AF-Ultimate
 Cascade GR-SF
 Cascade GR-S

TITANIUM MACHINING

Cascade HD-S
 Cascade AF-Ultimate
 Cascade GP-ASB
 Cascade GR-SF
 Cascade GR-S

MAGNESIUM MACHINING

Cascade HD-M

YELLOW METALS MACHINING

Cascade HD-S
 Cascade GP-ASB
 Cascade GR-SF
 Cascade GR-S
 Cascade AF-Ultimate

TUNGSTEN CARBIDE GRINDING

Cascade GR-TC

LOW TO MEDIUM TENSILE STEEL

Cascade EP-SAX Cascade GP-CS
 Cascade EP-SA Cascade GP
 Cascade EP-XLL Cascade GR-SF
 Cascade HD-Synth Cascade GR-S
 Cascade HD-S
 Cascade AF-Ultimate
 Cascade HD-M
 Cascade GP-ASB

Coolant Monitoring and Maintenance Products

- Cascade Anti-foam Additive
- Cascade Biocure
- Cascade System Cleaner
- CP Spindle Coolant
- Soluble Oil Mixer Units
- Refractometers
- pH Papers
- Bacteria Dipslides
- Chloride Sticks
- Water Hardness Sticks
- Fungicide
- Tramp Oil Skimmers