



MTU Branded Coolants

MTU has the right coolant for your Engine!


MTU strongly recommends using the MTU branded coolants for all MTU engines.

MTU offers *POWER COOL*® in additive packages or as complete anti-freeze products. They are available both in concentrate form (additive only and glycol blends) and in a variety of ready-to-use premixed concentrations engineered to meet your specific needs. Hybrid Organic Acid Technology (HOAT) chemistry used for the G05 and G48 formulations combines the best of conventional and organic acid-based chemistry to provide the ultimate protection against rust and corrosion. All MTU *POWER COOL* products are designed to maintain optimal performance and help extend operational life.

The standard G05 products will still be available as a concentrate, a 50/50 premix, and a 30/70 premix. However, it should only be used when servicing engines (i.e. “topping off” an engine with the same G05 formulation already in it). It is important to note that the G05 formulation, 50/50 and 30/70 premix, will be phased out in the future; therefore, customers should plan accordingly to begin using the new G48 products. Please refer to the MTU Fluid and Lubricant Specifications document (A001061) for the proper procedures on flushing and cleaning of the engine coolant circuit when ready to switch over to the new G48 formulation (**NOTE:** Due to unique advanced coolant requirements, Series 1600 should only use the MTU *POWER COOL* Universal coolant or other approved G48 formulations). **DO NOT MIX COOLANT FORMULATIONS.**

MTU *POWER COOL* Universal 50/50 mix (G48)

Available Sizes



1 gallon 5 gallon 55 gallon


Blue

Part Numbers
800069
800071
800084

This pre-diluted ethylene glycol-based coolant is used as delivered because it has already been blended with a 50% concentration of high-quality water. G48 offers modern nitrite, amine and phosphate free hybrid organic/inorganic additive technology. The controlled low silicate formulation provides the ultimate protection for cooling system metals, including aluminum, from corrosion and provides freeze protection estimated at -34F / -37C. The primary reason for the release of this coolant is to support the new Series 1600 product. This G48 formulation is approved and available in North America. This formulation has improved cooling system protection over the existing *POWER COOL* 50/50 Premix (G05).

MTU *POWER COOL* Universal 35/65 mix (G48)

Available Sizes



5 gallon 55 gallon

Light Blue

Part Numbers
800085
800086

This ethylene glycol-based coolant is pre-mixed at a 35/65 antifreeze-to-water ratio, but includes a proprietary hybrid inhibitor package. It is designed for marine applications where minimal freeze protection (down to -3°F / -16°C) is required. This formulation has improved cooling system protection over the existing *POWER COOL* 30/70 Premix (G05).



MTU Branded Coolants

MTU POWER COOL® Concentrate (G05)

Available Sizes



Dark Yellow

This concentrated ethylene glycol-based coolant uses a hybrid inhibitor package. Its low-silicate, low pH, phosphate-free technology protects all cooling system metals from corrosion and cylinder liners against pitting.

Part Numbers

23533522

23533523

23533524

MTU POWER COOL 50/50 Premix (G05)

Available Sizes



Yellow

This ethylene glycol-based coolant is used as delivered because it has already been pre-blended with a 50% concentration of high-quality water, and the measured concentration of a patented hybrid organic/inorganic (nitrite-based) Supplemental Coolant Additive. The low silicate formulation protects all cooling system metals, including aluminum, from corrosion. Protects in temperatures as low as -34° F / -37° C.

Part Numbers

23533530

23533531

23533532

MTU POWER COOL Plus Marine 30/70 (G05)

Available Sizes



Light Yellow

This ethylene glycol-based coolant is pre-mixed at a 30/70 anti-freeze-to-water ratio, but includes a proprietary hybrid inhibitor package. It is designed for marine applications where minimal freeze protection (down to 5° F / -15° C) is required.

Part Numbers

23524677

23524676

MTU POWER COOL Plus 6000 Concentrate (G93)

Available Sizes



Dark Green

This coolant additive is used in applications where no freeze protection is required. It contains no nitrites or phosphates, and provides excellent protection against corrosion and pitting when mixed with quality water (reference the Fluid and Lubricant Specifications document A001061) at a concentration of 10% by volume.

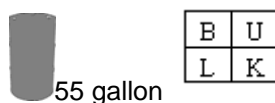
Part Numbers

23533526

23533527

MTU POWER COOL 3149

Available Sizes



Pink

This ethylene glycol-based coolant is specially formulated for the MTU Detroit Diesel 2-Cycle engines. It contains no phosphates or silicates and is therefore not compatible with aluminum engine parts. Protects in temperatures as low as -34° F / -37° C when mixed with water at the recommended 50% concentration.

Part Numbers

23528572

23528571



MTU POWER COOL® Branded Coolant - Part Number Chart

Part Numbers	Description	Container Size	Formulation	Coolant Color
800069	50/50 Premix	1 Gallon	G48	Blue
800071	50/50 Premix	5 Gallon Pail	G48	Blue
800084	50/50 Premix	55 Gallon Drum	G48	Blue
800085	35/65 Premix (Marine Preferred)	5 Gallon Pail	G48	Light Blue
800086	35/65 Premix (Marine Preferred)	55 Gallon Drum	G48	Light Blue
23533522	Coolant Concentrate	1 Gallon	G05	Dark Yellow
23533523	Coolant Concentrate	5 Gallon Pail	G05	Dark Yellow
23533524	Coolant Concentrate	55 Gallon Drum	G05	Dark Yellow
23533530	50/50 Premix	1 Gallon	G05	Yellow
23533531	50/50 Premix	5 Gallon Pail	G05	Yellow
23533532	50/50 Premix	55 Gallon Drum	G05	Yellow
23524677	30/70 Premix (Plus Marine)	5 Gallon Pail	G05	Light Yellow
23524676	30/70 Premix (Plus Marine)	55 Gallon Drum	G05	Light Yellow
23533526	Corrosion Inhibitor	1 Gallon	G93	Dark Green
23533527	Corrosion Inhibitor	5 Gallon Pail	G93	Dark Green
23528572	MTU POWER COOL 3149	55 Gallon Drum	3149	Pink
23528571	MTU POWER COOL 3149	BULK	3149	Pink

MTU provides a full range of supplies for preventive maintenance programs. These consumables are grouped into three main categories:

- **Lubricants** - including engine oils and greases
- **Coolants** - both additive concentrates and pre-mixed
- **Filters** - including air, oil and fuel

MTU consumables play a vital role in protecting a customer’s investment. Extensive testing, superior design and top-quality materials result in premium products, all of which are thoroughly tested before they are approved for use in MTU engines and other systems.

Also offered by MTU is an **Advance Fluid Management System** for analyzing the quality of fuel, oil, and coolant used in your engine.

NOTE: For more detailed information regarding MTU specifications for coolants, please utilize the MTU Fluid and Lubricant Specifications document (A001061) found on the Business Portal following this path: **After-Sales > Documents > Technical Documentation > Fluids and Lubricants Specifications**

Also available on the Business Portal are Product Reference Sheets using the path: **After-Sales > Documents > Parts Information > Product Reference Sheets**