

JMN SPECIALTIES, INC.

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PRODUCT BULLETIN

MIL-C-6529C TYPE 1

Corrosion Preventive Concentrate for Aircraft Engines

General Description

MIL-C-6529C TYPE 1 is an oil-based concentrate for use as an additive to all types of lubricating and hydraulic oils as well as a ready-to-use corrosion preventive fluid. **MIL-C-6529C TYPE 1** protects by coating the surface with a oil-soluble corrosion inhibitor that will cling to metal surfaces providing excellent contact corrosion protection. In addition to this film barrier, **MIL-C-6529C TYPE 1** is a vapor phase corrosion inhibitor and it will release into the air space corrosion inhibitors that will attach themselves electrochemically to the metal surface providing effective corrosion inhibiting even in high humidity conditions. **MIL-C-6529C TYPE 1** does not contain hazardous chromates, nitrites, or phosphates. **MIL-C-6529C TYPE 1** also complies to MIL-PRF-46002C (Grade 1) and MIL-I-85062 (Additives to oils).

Application

Designed for use in engine oil at 1:10 concentration. **MIL-C-6529C TYPE 1** will protect your engine from corrosion (in solution and in all void spaces) for up to 3 years during storage.

Physical Properties

Color	Clear to yellowish amber
Density	7.25 – 7.35 pounds per gallon
Flash Point	>300°F (>148.8°C)
pH	8 – 9 as provided
Odor	Mild
Film Type:	Oily

Availability

MIL-C-6529C TYPE 1 is available in UN approved 5 gallon, 55 gallon drums and bulk quantities.

Handling

Observe warning label on containers. Normal precautions for industrial chemicals apply. This document does not purport to address all of the safety concerns, if any, associated with its use. It is the responsibility of the user of this product to establish appropriate safety and health practices and determine the applicability of regulatory limitations prior to use.