



DCI-4A

Product Data Sheet

Refinery Specialties

PG 04 - Corrosion Inhibitors

DCI-4A affords excellent protection against corrosion during pipeline transfer and storage, and imparts lubricity to fuels. DCI-4A can be used in aviation gasolines, motor gasolines, jet fuels and other distillate fuels.

Application

DCI-4A imparts anti-corrosion and lubricity properties to fuels, and can be used in aviation gasolines, motor gasolines, jet fuels and other distillate fuels.

Approvals

DCI-4A has been approved under the following specifications:

Military:	Turbine Manufacturers:
• MIL-QPL-25017, Category 1	• Allison
• MIL-PFR-25017, Corrosion Inhibitors	• Pratt & Whitney
• MIL-DTL-5624, JP-4 & JP-5	• General Electric
• MIL-DTL-83133, JP-8	• Rolls-Royce
	• Honeywell (Aux. power unit)
NATO:	Airframe Manufacturers:
• Stanag 2754, CEPS	• Boeing
• Stanag 2764, NEPS	• Fokker
• Stanag 3390, Inhibitors	• Lockheed
	• McDonnell Douglas
Australia:	ASTM:
• DEF AUST 5208, Jet Fuel	• D1655
• DEF AUST 5240, Jet Fuel	• D6615
Ministry of Defense:	
• DEF Stan 68-251	

Addition

Either concentrated or in stock solution with a small pump, or an eduction system.

Material Compatibility

See the Material Compatibility Document for more product specific information.

Personal Safety, First Aid and Storage and Handling

See the Material Safety Data Sheet for product specific information.

40CFR80.591 Compliance Statement: This diesel fuel additive may exceed the federal 15 ppm sulfur standard. Improper use of this additive may result in non-complying diesel fuel. The additive's maximum sulfur concentration is 1500 ppm. The maximum recommended concentration for use of the additive in diesel fuel is 0.00266 vol.%. The contribution to the sulfur level of the fuel that would result if the additive is used at the maximum recommended concentration is 0.044 ppm.

In order to comply with EU regulations (Title II, Chapter 1, Article 8) and to secure documentation to allow this product to be imported into the EU please contact Innospec to join our "Only Representative" and Declaration of Conformity Program.

Typical Properties

Appearance	clear, dark amber liquid
Specific Gravity, 60/60°F (16/16°C)	0.952
Density, lb./gal, 60°F, (16°C)	7.93
Flash Point, PMCC, °F (°C)	>93 (>34)
Ash Content wt%	0.0
Viscosity, cSt @ 210°F (99°C)	9
104°F (40°C)	56
32°F (0°C)	450

Recommended Treat Rate

2 - 4 ptb (6 - 11 mg/L)
0.0061 - 0.0122 gal / 1000 gal (1.0 gal / 3.9 Mbbl)

Registered EPA maximum treat rate is 25 mg/L