

Typical chemical and physical properties

Anticor[™] EDA 50 is a highly concentrated and highly active corrosion inhibitor designed for wire EDM machines. It eliminates rust build up on parts subjected to the water in EDM machines.

It is a proprietary blend of surfactants, coupling agents and organic amides.

Appearance	Yellow to amber clear liquid
Density at 25 °C	1.14 – 1.18 g/cm ³
pH (neat)	5 – 8
Solubility	
Water	Soluble
Mineral oil	Insoluble
Biodegradability	Ready biodegradable (OECD 301B)

This information is intended as a guideline only. For specifications please consult the Certificate of Analyses.

Applications and typical treat level recommended

Metal working fluids	2 to 10 %wt. in the final, ready to use solution
- Emulsions, water based systems, - Water-free ester based, - Water-free PAG based	
EDM - machines	5% dilution in de-ionised water

Benefits

Offers excellent solubility in water and disperses well in water based systems.

ADDAPT[®] Anticor[™] EDA 50 is excellently suitable for wire EDM machines to eliminate rust build up on parts subjected to de-ionised water used in the wire EDM machines.

ADDAPT[®] Anticor[™] EDA 50 will not be stripped out by the exchange resin.

ADDAPT[®] Anticor[™] EDA 50 only has to be added during the change of the water or when additional water has to be added to the replenish liquids due to evaporation.

ADDAPT[®] Anticor[™] EDA 50 will not affect the discharge process and will not affect the conductivity of the water.

ADDAPT[®] Anticor[™] EDA 50 does not dry or form any hard crust; it will not clog filters.

Can be added to media who exhibit a pH range from 4 to 12.

ADDAPT[®] Anticor[™] EDA 50

Safety and Handling	Please read Material Safety Data Sheet (MSDS) before handling.
Product Specification	This information is available on request through our local representative.
Packaging	This information is available on request through our local representative.

Quality Policy The objective of our quality policy is the continuous fulfilment of the internal and external requirements agreed upon with our partners with regards to everybody's performance.

The Quality System of ADDAPT[®] Chemicals BV is based on the principles of the NEN-EN-ISO-Standard 9001:2015.

Liabilities *All recommendations for the use of our products, whether given by us in writing, orally, or to be implied from the results of tests carried out by us, are based on the current state of our knowledge. Notwithstanding any such recommendations, buyer or user remains responsible for satisfying himself that the products as supplied by us are suitable for his intended process or purpose. Since we cannot control the application, use or processing of the products, we cannot accept responsibility thereof. Buyer has to ensure that the intended use of the products will not infringe any third party's intellectual property rights. We warrant that our products are free from defects in accordance with, and subject to, our general conditions of sale and supply.*

ADDAPT Chemicals BV
Speltdijk 1
NL-5704 RJ Helmond
The Netherlands
Tel: + 31 - 492 - 59 75 75
Fax: + 31 - 492 - 55 29 55
E-mail: info@addapt-chem.com
Home page: <http://www.addapt-chem.com>

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