



Industrial
Lubricants



Automotive
Lubricants



Biodegradable
Lubricants



Agricultural
Lubricants



Cleaning &
Maintenance



Greases &
Pastes



Foodsafe
Lubricants



Heritage Oils



Lubrication
Equipment



Metalworking
Fluids



Spark Erosion Fluids

High Quality Metalworking Fluids
Product Code: AE0, AE1

Product Description

Pennine Spark Erosion Fluids are high quality metalworking fluids designed for use in Electrical Discharge Machines. Available in two viscosities, they are particularly suitable for the fine finishing of small holes and cavities and ensure the efficient flushing of eroded particles away from the spark zone.

Applications

Spark erosion Fluid "K" is used primarily as a dielectric fluid for spark erosion but can be used for pressing, spinning, and reaming alloys and some free cutting bronzes.

Spark Erosion Fluid "A" is also used as a dielectric fluid for spark erosion and has a higher flash point. It is used successfully to hone cast iron and in the high-speed precision machining of non-ferrous metals.

Typical Test Data

	AE0 S.E.F."A".	AE1 S.E.F."K"
Density @ 15°C	0.83	0.79
K. V. @ 40°C cSt	3.4	1.49
Flash Point °C	110	70

Availability

Pennine Spark Erosion Fluids are available in bulk, 1000 litre IBC's, 205 litre barrels, 25 litre drums and 5 litre plastic bottles.

Storage

Barrels of lubricant should always be stored in such a way that will prevent the ingress of water when stored in the open.

Health and Safety

Please refer to the relevant Health and Safety Data Sheet, a copy of which is freely available to all our customers.

Data represented is typical of that obtained with normal production tolerances and does not constitute a specification. The policy of Pennine Lubricants is one of continual improvement; we therefore reserve the right to change specifications without notice.



Certificate Number: 9480
ISO 9001



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