



Give me some Real World facts!

OK, What the difference in oil brands??

Brand	Rustlik EDM-30	Rustlik EDM-250	Rustlik EDM-500	ProSource PS-967	ProSource PS-1570	ProSource PS-2100	Hirschmann Iono3000+
Type							
Physical Hazard		Cat. 4					
Health Hazard	Cat. 1	Cat. 1	Cat. 1			Cat. 1	Cat. 1
Base	Petroleum	Petroleum	Petroleum	Distillates	Distillates	Normal Paraffins	Normal Paraffins
Odor	Mild	Hydrocarbon	Mild	Mild	Mild	Nil	Nil
Boiling Point	300.2	>249.8	300.2	500	500	500	>482
Flash Point	>93	179.6	>93	248	248	246	224.6
Evaporation Specific Gravity	<1	<1	<1	<1	<1	<1	<1
Viscosity	0.8	0.82	0.8	0.83	0.78	0.78	0.79
VOC		>20.5		35	35	35	35
		72%				None	None

The above chart was developed from the available and published information of each oil. We were surprised the number of manufactures that provided very little specific information on their oils. Some oils could not be added as they presented no real information other than vague marketing terms. This explains why many EDM users are hesitant to change to a different manufacture or different oil. They have very little information on their current oil and can not make a clear decision on which product would be best for their application. Of course, the sale people selling the oils are, in most cases, just distributors where EDM oil is among the 2000 products they sell. They can read the brochure to you but not really provide any specific information, just marketing terms.

As we investigated the oils for this newsletter we found it confusing and we have been doing this for over 40 years.

We have decided to spend the time and money to develop a comprehensive list of available oils and their TRUE characteristics. Getting past the marketing terms, advertising hype and biased machine tool builder recommendations. Many of those recommendations exist with only the US importers / builder representatives, not the actual machine tool builder.

It is important the EDM users have factual information to base their decision. Our focus is to make you more efficient and knowledgeable, that can't happen unless you have real information.

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