

## PRODUCT DATA SHEET

### DAPHNE CUT HL 25 High Performance Cutting Oil

#### Description

High quality Electro-Discharge Machine (EDM) oil specially formulated with synthetic base oil to give unsurpass performance. This clear, transparent dielectric fluid is odourless and non-toxic, together with its low viscosity and high flash point, it helps to promote a safe and pleasant working environment.

#### Application

Recommended as a dielectric fluid for spark erosion machining operations (EDM use).

#### Characteristics

1. Synthetic Base Oil - Excellent oxidation resistant and long oil service life due to its synthetic base oil.
2. High Flash Point - To promote better work safety.
3. Odourless & Non-Toxic - No unpleasant odour and non-toxic, it does not cause dermatitis, thus, promoting pleasant and healthy working environment.
4. Clear Transparent Fluid - Enables excellent visibility during machining operations.

#### Packing

20L pail, 200L drum

CHEMICAL AND PHYSICAL PROPERTIES	TEST METHOD	TYPICAL DATA
Appearance	Visual	Colourless
Colour	ASTM D-1500	L0.5
Density 15°C g/cm <sup>3</sup>	ASTM D-4052	0.7884
Total Acid No. (mgKOH/g)	ASTM D-974	0.01
Viscosity, cSt @ 40 °C	ASTM D-445	2.874
Flash Point (PM), °C	ASTM D-93	92
Distillation Range, °C IBP	ASTM D-86	206
EP	ASTM D-86	256

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