



Metalworking

VALONA 7009 IN



Heavy duty Broaching & Deep Hole Drilling oil

PRODUCT PROFILE

- "Valona 7009 IN" - is a unique blend of light mineral oils, fatty ester, polysulphides and high molecular weight polymers. This helps in achieving superior boundary lubrication and antimist character. Infusion of detergent coupled with extreme pressure additives helps in quick removal of chips to impart better "surface finish"

APPLICATIONS

- "Valona 7009 IN" is suitable for ferrous and select yellow metal machining. Best suitable for very hard metal - bearing steel, refractory steel, Titanium alloys, low carbon steel and copper alloys. Designed to meet Deep hole, gun drilling, broaching, turning, screw cutting, threading, tapping and screwing operation

ADVANTAGES

- Low viscosity nature offers consistent cooling properties and reduced carry over losses
- Superior EP technology helps in increasing the tool life
- Built - in detergent properties prevents tool collapse
- Selective base stocks infusion helps in minimizing the mist formation
- Balanced antiweld additivation ensures superior surface finish
- Versatile for a wide range of application including grinding

Typical Characteristics	Reference Methods	VALONA 7009 IN
Viscosity at 40°C, cSt	ASTM D 445	9.90
Flash Point COC, ^o c	ASTM D 92	164
Copper Corrosion	ASTM D 130	2 b
Four Ball weld load, min. kgs	ASTM D 2784	800
4 Ball Wear Scar dia, mm	ASTM D 2784	0.314

Above characteristics are mean values given as an information.

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