

DIVYOL NEAT CUTTING OILS – ST CUT 154 / 155 / 156

Applications:

Divyol ST Cut 154, 155 and 156 are non -staining type neat cutting oils recommended for heavy duty applications like gear hobbing, thread cutting and less severe machining operations on high tensile steel and some alloys.

Divyol ST Cut 154 and 155 are recommended for cold forging operation of high tensile nuts.

Divyol ST Cut 156 is recommended for cold forging operations of high tensile bolts and rivets.

Standards:

Divyol ST Cut 154, 155 and 156 are special blends comprising highly refined virgin base stocks of medium viscosity and fatty oils. The blends are further fortified with chlorinated additives and inactive sulphur. They meet performance specifications as per IS:3065: 1985, Type I Grade II.

Advantages:

Divyol ST Cut 154, 155 and 156 have high performance additives that give the blends their EP properties and enable maximum surface coverage (wetting characteristics). They also possess higher heat dissipation capacity and impart a superior surface finish. They can be used for multiple operations and result in longer service life of tools.

Typical properties:

Sr. No.	Characteristics	Test Method	Divyol ST Cut		
			154	155	156
1	Appearance	Visual	Bright and clear	Bright and clear	Bright and clear
2	Colour	ASTM D 1500	Brownish	Brownish	Brownish
3	Kinematic viscosity at 40 °C, cSt, min.	ASTM D 445	35 – 40	33 – 36	65 – 75
4	Flash point COC, min	ASTM D 92	190	180	190
5	Pour point, °C, max.	ASTM D 97	-6	-3	-3

The above properties are typical values and do not constitute specification of the product.

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