



NEATOL XD is a low viscosity synthetic based oils specially formulated for General purpose machining operations such as Honing ,Cutting , etc on tough ferrous metals.

This oil gives outstandingly high performance and has low levels of odor and fumes during service.

- ✘ Give extended tool life
- ✘ Low odor
- ✘ Clarity, for work piece visibility
- ✘ Improved work piece surface finish
- ✘ Excellent lubrication and cooling properties
- ✘ Low drag-out losses due to light viscosity.

NEATOL XD is recommended for broaching operations on high tensile steels and heat resisting alloys.

Its low viscosity ensures good penetration to the cutting edge and assists the removal of swarf.

NEATOL XD will not stain yellow metals.

NEATOL XD is suitable for operations that require very high rates of metal removal.

It is used for cutting steels of over 50 TSI (UTS), and for glass and thread grinding.

NEATOL XD should not be used on yellow metals.

NEATOL XD is recommended for honing operations on tough ferrous metals.

Its low viscosity ensures good penetration to the **cutting edge and assists the removal of swarf.**



NEATOL XD		LIGHT	MEDIUM LIGHT	MEDIUM	HEAVY MEDIUM	HEAVY
Density @ 15°C Kg/L	ASTM D129	0.88	0.89	0.89	0.89	0.89
Kin Viscosity @ 40°C	ASTM D445	11.9	22.3	34.6	49.1	67.9
Kin Viscosity @ 100°C	ASTM D445	2.6	3.48	5.7	6.9	9.3
Viscosity Index	ASTM D2270	98	101	109	110	115
Flash Point °C	ASTM D92	297	295	290	290	290
Pour Point °C	ASTM D97	-32	-29	-27	-24	-22
Chlorine Content		0.5	1.3	4.8	5.5	6
Active Sulphur		-	-	-	-	-
Nitrites		-	-	-	-	-
Copper Corrosion Test		none	none	none	none	none
Rush rating test		pass	pass	pass	pass	pass