

Fuels and Fuel Additives and Lubricants and Anti corrosive Materials UNSPSC CODE : 15000000												
Lubricants and oils and greases and anti corrosives UNSPSC CODE : 15120000												
Lubricating preparations UNSPSC CODE : 15121500												
Commodity : Cutting Oil, Soluble UNSPSC CODE : 15121502												
Selling Unit : Volume-Litre												
S.No.	Parameters	Type	Value 1	Value 2	Value 3	Value 4	Validation	Unit	M	F	G	Demand aggregation
REQUIREMENTS FORCUTTING OIL,SOLUBLE												
1	Ash, percent by mass, Max	N	3.5						v			
2	Water, percent by mass, Max	N	10						v			
3	Emulsion test, 5 : 1 and 20 : 1 ratio in water of 400 ppm hardness (as CaCO ₃)	EN	0.1 ml oil and 0.2 ml cream permitted						v			
4	Frothing test, 5 : 1 and 20 : 1 ratio in 200 ppm hardness (as CaCO ₃)	EN	No froth after 15 minutes						v			
5	Cast iron corrosion test, 20 : 1 ratio emulsion with 400 ppm hard water (as CaCO ₃),Max	EN	0/1-1						v			
6	Copper strip corrosion test at 100°C for 3 hours	EN	Not worse than No. 1						v			
7	Thermal stability test	EN	Shall pass the test						v			
8	Flash point, COC, °C, Min	N	150						v			
9	Viscosity at 40°C, CSt, Min	N	20						v			
10	Volatile matter at 100°C for 16 h, percent by mass, Max	N	20						v			
Packing , Marking and Labelling												
11	The material shall be packed in securely closed metal drums or any other suitable containers of appropriate size and strength as agreed to between the purchaser and the supplier	CH	YES						v			

12	Each container shall be marked with the following information: a) Name of the material; b) Manufacturer's name, initials or his trade-mark, if any; c) Quantity of the content; and d) Batch number and year of manufacture	CH	YES							v			
13	The container may also be marked with Standard mark	CH	YES							v			
Certification													
14	Conforming to IS:1115 (Latest)	CH	YES							v			
15	Whether ISI Marked	CH	YES	NO						v	v		
16	CM/L Number(Must declare if ISI Marked)	CH	YES							v			
Test Report Details													
17	Availability of Test Report from Central Govt/ State Govt/NABL/ILAC accredited lab(hint: Must be declared)	CH	Yes	No						v	v		
18	Test Report to be furnished to the Buyer on demand(Must be declared, write NA if Test Report is not available)	CH	Yes	NA						v	v		