

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 : Quenching oils UNSPSC CODE : 15121525												
Selling Unit : Volume-Litre												
S.No.	Parameters	Type	Value 1	Value 2	Value 3	Value 4	Validation	Unit	M	F	G	Demand aggregation
Types												
	Material type	CH	Mineral	Compounded	Additive				v	v		
Grade												
	Grade	CH	Light	Medium	Heavy				v	v		
REQUIREMENTS FOR QUENCHING OIL												
1	Acidity inorganic [mg of potassium hydroxide (KOH) per g of the oil]	N	Nil						v			
2	Acidity organic [mg of potassium hydroxide (KOH) per g of the oil]	N	0.1	0.6	1.3				v	v	v	
3	Ash, percent by mass, Max	EN	0.01	0.05	NA				v	v	v	
4	Pour point,°C, Max	EN	0	3					v	v	v	
5	Flash point, Cleveland (open) cup,°C, cSt	EN	160	175	200				v	v	v	

6	Kinematic viscosity at 40 °C, cSt	EN	11.5 to 17.5	19.5 to 34	20.5 to 36	36 to 73			√	√	√	
7	Viscosity index, Max	EN	90	NA					√	√	√	
8	Saponification value, Max	N	0.5	5 to 15	NA				√	√	√	
9	Volatility (loss on heating at 150 °C for two hours), percent by mass, Max	N	3	4	8				√	√	√	
10	Resistance to oxidation (Kinematic viscosity of the oxidized oil at 40°C, cSt)	EN	Not more than 1.70 of the original oil at the same temperature	NA					√	√	√	
11	Resistance to oxidation (Carbon residue (Conradson) of the oxidized oil,percent by mass, Max)	N	2	NA					√	√	√	
12	Resistance to oxidation (Insolubles in the oxidized oil, percent by mass, Max)	N	0.5	NA					√	√	√	
13	Resistance to oxidation (Acidity of the oxidized oil, organic (mg KOH/g of the oil),Max)	N	1	NA					√	√	√	
14	Oopper strip corrosion test at 100°C for 3 h	EN	Not worse than No. 1						√			

Packing , Marking and Labelling

15	The material shall be packed in metal or any other suitable containers as agreed to between the purchaser and the supplier	CH	YES						v			
16	The container shall be securely closed and marked with the name of the manufacturer; name, type, grade and mass of the material; recognized trade-mark, if any; and with identification in code or otherwise to enable the lot of consignment or manufacture to be traced back	CH	YES						v			
17	The container may also be marked with the ISI Certification Mark	CH	YES						v			
Certification												
18	Conforming to IS:2664 (Latest)	CH	YES						v			
19	Whether ISI Marked	CH	YES	NO					v	v	v	
20	CM/L Number(Must declare if ISI Marked)	CH	YES						v			
Test Report Details												
21	Availability of Test Report from Central Govt/ State Govt/NABL/ILAC accredited lab (hint : Must be declared)	CH	Yes	No					v	v	v	
22	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		