

Industrial Production and Manufacturing Services UNSPSC CODE : 73000000												
Plastic and chemical industries UNSPSC CODE : 73100000												
Petrochemical and plastic production UNSPSC CODE : 73101500												
Commodity : General Purpose Grease UNSPSC CODE : 73101503 Selling Unit : Litre												
S.No.	Parameters	Type	Value 1	Value 2	Value 3	Value 4	Validation	Unit	M	F	G	Demand aggregation
Grade												
1	Grade of General Purpose Grease	EN	Grade-1	Grade-2	Grade-3				√	√		
Type												
2	Type of Grease	CH	LG-280	NA					√	√		
REQUIREMENTS FOR GENERAL PURPOSE GREASE												
3	Appearance	EN	Homogeneous						√			
4	Texture	EN	Smooth						√			
5	Kinematic viscosity in cSt at 40°C, Min	EN	18 to 22	90 to 165	155 to 165				√	√	√	
6	Flash point, °C (Cleveland open cup), Min	N	158	178	200				√	√		
7	Consistency of worked grease at 25 ± 0.5°C	EN	175 to 205	265 to 295	310 to 340				√	√	√	
8	Drop point, °C, Min	N	95	100					√	√		
9	Free acidity (calculated as oleic acid),percent by mass, Max	N	0.3	0.5					√	√		
10	Free alkalinity, as Ca (OH) ₂ , percent by mass, Max	N	0.15						√			

11	Glycerine content, percent by mass, Max	N	0.25						v			
12	Copper strip corrosion test at 75°C for 24 h	CH	Negative						v			
13	Heat stability at 120 ± 1°C	EN	No sign of breakdown, marked change in consistency or separation of oil						v			
14	Low temperature pumping properties	EN	Shall be easily pumpable at -18°C	Shall be easily pumpable at 0°C					v	v		
15	Water content, percent by mass, Max	N	1	1.5	2				v	v	v	
16	Sulphated ash percent by mass, Max	N	4	5	6				v	v		
17	Corrosion preventive test, Max	EN	Rating 1						v			
Packing , Marking and Labelling												
18	Packing	CH	The material shall be packed in clean,dry,Leak - proof tinplate container free from rust.						v			

19	The containers shall be securely closed and shall be marked with following: a) Indication of the source of manufacture; b) Name and grade of the material; c) Net mass in the container; d) Date of manufacture; e) Recognized trade-mark, if any; and f) Identification in code number or batch number or otherwise to enable the lot of consignment or manufacture to be traced back	CH	YES						v			
20	Each package may also be marked with the Standard Mark	CH	YES						v			
Colour												
21	Colour	EN	Light Brown									
Certification												
22	Conforming to IS:507(Latest)	CH	YES						v			
23	Whether ISI Marked	CH	YES	NO					v	v		
24	CM/L Number(Must declare if ISI Marked)	CH	YES	NA					v	v		
Test Report Details												
25	Availability of Test Report from Central Govt/ State Govt/NABL/ILAC accredited lab(hint: Must be declared)	CH	Yes	No					v	v		
26	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		