

BUREAU OF INDIAN STANDARDS

Program of Work

PCD 25 : Lubricants And their Related Products

Scope: To formulate Indian Standards for terminology; lubricants, bio-lubricants, lubricating oils & greases and their related products like coolants, hydraulic fluids, corrosion preventives, quenching and cutting oils, lubricants produced through synthesis routes and codes of practice for storage, handling, transport and application.

Liaison: **ISO TC-28 SC-4 (P): Classifications and specifications ISO TC-28 (Convenorship): Aviation fuel test methods development**

Published Standards

S.No	IS No.	TITLE	Reaffirm M-Y	No. of Amds	Eqv.
1	IS 1012 : 2002 Reviewed In : 2018 Reaffirmed but not taken up for revision	Turbine lubricating oils - Specification (Third Revision)	February, 2018	1	Indigenous
2	IS 10522 : 1983 Reviewed In : 2019	Specification for antiwear hydraulic oil	November, 2019	-	Indigenous
3	IS 10531 : 1983 Reviewed In : 2019	Code of practice for selection and use of fire - Resistant hydraulic fluids	November, 2019	-	Indigenous
4	IS 10532 (Part 1) : 1983 Reviewed In : 2019	Specification for fire - Resistant hydraulic fluids: Part i dilute emulsions for powered supports	November, 2019	1	Indigenous
5	IS 10532 (Part 2) : 1983 Reviewed In : 2019	Specification for fire - Resistant hydraulic fluids - Part 2 : invert emulsions (Water - In - Oil) type	November, 2019	1	Indigenous
6	IS 10532 (Part 3) : 1983 Reviewed In : 2019	Specificaliton for fire - Resistant hydraulic fluids - Part 3 : water glycol type	November, 2019	2	Indigenous
7	IS 10532 (Part 4) : 2019	Fire resistant hydraulic fluids - Specification: Part 4 phosphate esters type (First Revision)	-	-	Indigenous
8	IS 10532 (Part 5) : 2016 Reviewed In : 2021	Fire resistant hydraulic fluids - Specification: Part 5 organic ester type	April, 2021	-	Indigenous
9	IS 10647 : 1983 Reviewed In : 2019	Specification for wheel bearing grease	November, 2019	-	Indigenous
10	IS 1083 : 2022	Industrial White Oil - Specification (Second Revision)		-	Indigenous
11	IS 1115 : 1986 Reviewed In : 2024	Specification for general purpose cutting oil, soluble (Second Revision)	April, 2024	1	Indigenous
12	IS 11159 (Part 1) : 2020	General Classification of Lubricants, Industrial Oils and	-	-	Indigenous

		Related Products Part 1 Class L (First Revision)			
13	IS 11159 (Part 2) : 2021	Classification of lubricants industrial oils and related products Part 2 Family A Total loss systems		-	Indigenous
14	IS 11159 (Part 3) : 2021	General classification of lubricants industrial oils and related products Part 3 Family F Spindle bearings bearings and associated clutches		-	Indigenous
15	IS 11159 (Part 4) : 2011 Reviewed In : 2021 ISO 6743-3 : 2003	Lubricants, industrial oils and related products (Class L) - Classification: Part 4 family d (Compressors)	April, 2021	-	Identical under dual numbering
16	IS 11159 (Part 5) : 2019 ISO 6743-4 : 1999	Lubricants, industrial oils and related products (Class L) - Classification: Part 5 family h (Hydraulic Systems) (First Revision)	-	-	Identical under dual numbering
17	IS 11159 (Part 6) : 2011 Reviewed In : 2021 ISO 6743-5 : 2006	Lubricants, industrial oils and related products (Class L) - Classification: Part 6 family t (Turbines)	April, 2021	-	Identical under dual numbering
18	IS 11159 (Part 7) : 2019 ISO 6743-6 : 1990	Lubricants, industrial oils and related products (Class L) - Classification: Part 7 family c (Gear Systems) (First Revision)	-	-	Identical under dual numbering
19	IS 11159 (Part 13) : 2019 ISO 6743-12	Lubricants, industrial oils and related products (Class L) - Classification: Part 13 family q (Heat Transfer Fluids)		-	Identical under dual numbering
20	IS 1118 : 2019	Gear lubricants, multipurpose (Extreme Pressure Gear Oil) - specification (Second Revision)	-	-	Indigenous
21	IS 11186 : 1985 Reviewed In : 2024	Specification for synthetic grinding fluid	April, 2024	1	Indigenous
22	IS 1153 : 2021	Temporary Corrosion Preventives Hard Film Solvent Deposited		-	Indigenous
23	IS 1154 : 2022	Temporary Corrosion Preventive Fluid, Soft Film, Solvent Deposited, Water Displacing - Specification (second revision)		-	Indigenous
24	IS 11637 : 2022	Calcium Based EP Grease - Specification (first revision)		-	Indigenous
25	IS 11656 : 1986 Reviewed In : 2024	Specification for antiwear hydraulic oil, extra heavy duty type	April, 2024	1	Indigenous
26	IS 11695 : 2020	Inhibited Type Machinery Oils ? Specification (First Revision)	-	-	Indigenous
27	IS 11696 : 2020	Inhibited Type Spindle Oils ? Specification (First Revision)	-	-	Indigenous
28	IS 12203 : 1999 Reviewed In : 2019	Lithium base grease for automotive purposes - Specification (First Revision)	November, 2019	-	Indigenous
29	IS 12790 : 1999 Reviewed In : 2019	Non - Soap grease - Specification (First Revision)	November, 2019	-	Indigenous
30	IS 12927 : 2004 Reviewed In : 2019	Glass mould oils - Specification (First Revision)	November, 2019	-	Indigenous
31	IS 13256 : 1992 Reviewed In : 2019	Air compressor lubricants - Types daa and dab - Specification	November, 2019	-	Indigenous
32	IS 13656 : 2019	Internal combustion engine	-	1	Indigenous

		crankcase oils for automotive application (Diesel And Gasoline) - Specification (Third Revision)			
33	IS 13796 : 2004 Reviewed In : 2019	Molybdenum disulphide powder for lubricants - Specification (First Revision)	November, 2019	-	Indigenous
34	IS 13797 : 2021	Molybdenum Disulphide Dispersion in Oil - Specification (first revision)		-	Indigenous
35	IS 13913 : 2020	Molybdenum Disulphide, Paste ? Specification (First Revision)	-	-	Indigenous
36	IS 14234 (Part 1) : 2002 Reviewed In : 2018 Reaffirmed but not taken up for revision	Lubricants for air - Cooled spark - Ignition engines - Specification: Part 1 two - Stroke spark - Ignition engines (First Revision)	February, 2018	-	Indigenous
37	IS 14234 (Part 2) : 2017	Lubricants for Spark-Ignition Air-Cooled Gasoline Engines " Specification Part 2 Four-Stroke Spark-Ignition Air-Cooled Engines for Scooters, Mopeds and Motorcycles		-	Indigenous
38	IS 14383 : 1996 Reviewed In : 2018 Reaffirmed but not taken up for revision	Silicone greases - Specification	February, 2018	-	Indigenous
39	IS 14384 : 1996 Reviewed In : 2024	Colloidal graphite dispersion in oil - Specification	April, 2024	-	Indigenous
40	IS 14385 : 1996 Reviewed In : 2024	Aluminium cold rolling oils - Specification	April, 2024	-	Indigenous
41	IS 14745 : 1999 Reviewed In : 2019	Thermic fluids - Specification	November, 2019	-	Indigenous
42	IS 14779 : 2000 Reviewed In : 2016	General purpose oil based temporary corrosion preventives - Specification	May, 2016	-	Indigenous
43	IS 14847 : 2000 Reviewed In : 2016 Reaffirmed but not taken up for revision	Lithium complex grease for industrial purposes - Specification	May, 2016	-	Indigenous
44	IS 15112 (Part 1) : 2002 Reviewed In : 2024 ISO 12925-1	General classification of lubricants, industrial oils and related products: Part 1 class 1	April, 2024	-	Identical under dual numbering
45	15178 : 2021 ISO 7745 : 2010	Hydraulic Fluid Power - Fire-Resistant (FR) Fluids - Requirements and Guidelines for Use (First Revision)		-	Identical under dual numbering
46	IS 1589 : 1994 Reviewed In : 2024	Oil, cylinder - Specification (First Revision)	April, 2024	-	Indigenous
47	IS 1628 : 1986 Reviewed In : 2018	Specification for axle oil (Second Revision)	February, 2018	-	Indigenous
48	IS 16775 : 2018 Reviewed In : 2024 ISO/TS 11365:2011	Petroleum and related products - Guidance for the maintenance and use of triaryl phosphate ester turbine - Control fluids	April, 2024	-	Identical under dual numbering
49	IS 16852 : 2018	Petroleum and related products -	July, 2023	-	Indigenous

	Reviewed In : 2023 Reaffirmed but not taken up for revision	Guidance for in - Servicing of lubricating oils for steam, gas and combined - Cycle turbines			
50	IS 16909 : 2018 Reviewed In : 2023	Girth gear lubricants - Specification	July, 2023	-	Indigenous
51	IS 17382 : 2021	Syn Gas Ammonia Turbo Compressor Lubricating Oils Specification		-	Indigenous
52	IS 1758 : 1986 Reviewed In : 2024	Specification for jute batching oil (Second Revision)	April, 2024	-	Indigenous
53	IS 2297 : 1997 Reviewed In : 2019	Gear lubricants, compounded - Specification (Third Revision)	November, 2019	-	Indigenous
54	IS 2664 : 1980 Reviewed In : 2019	Specification for quenching oil (Second Revision)	November, 2019	1	Indigenous
55	IS 3065 : 2021	cutting oil neat		-	Indigenous
56	IS 3098 : 1983 Reviewed In : 2019	Specification for oil, hydraulic, mineral oil type (Second Revision)	November, 2019	-	Indigenous
57	IS 408 : 2020	Grease No. 0, Graphited — Specification (Third Revision)	-	1	Indigenous
58	IS 4543 : 1977 Reviewed In : 2019	Specification marquenching oil (First Revision)	November, 2019	1	Indigenous
59	IS 4578 : 1997 Reviewed In : 2019	Lubricants - Lubricating oil for refrigeration machinery - Specification (Second Revision)	November, 2019	1	Indigenous
60	IS 493 (Part 1) : 2019	Specification for general purpose machinery and spindle oils: Part 1 machinery oils (Second Revision)	-	-	Indigenous
61	IS 493 (Part 2) : 2019	Specification for general purpose machinery and spindle oils: Part 2 spindle oils (Second Revision)	-	-	Indigenous
62	IS 495 : 2023	Graphite Flake for Lubricants - Specification		-	Indigenous
63	IS 495 : 1967 Reviewed In : 2018	Specification for graphite, flake for lubricants (First Revision)	February, 2018	-	Indigenous
64	IS 506 : 2019	Automotive and other general purpose grease ? specification (Fourth Revision)	-	-	Indigenous
65	IS 507 : 1993 Reviewed In : 2021	General purpose grease for defence applications - Specification (Third Revision)	December, 2021	-	Indigenous
66	IS 508 : 2022	Grease Graphited - Specification (fifth revision)		-	Indigenous
67	IS 5730 : 1970 Reviewed In : 2019	Specification for volatile corrosion inhibitor powder	November, 2019	-	Indigenous
68	IS 5759 : 2006 Reviewed In : 2024	Antifreeze coolant - Specification (Second Revision)	April, 2024	-	Indigenous
69	IS 6049 : 1971 Reviewed In : 2018	Code of practice for application of temporary corrosion preventives	February, 2018	1	Indigenous
70	IS 6050 : 1971 Reviewed In : 2019	Specification for temporary corrosion preventives, strippable, hot dipping type	November, 2019	2	Indigenous
71	IS 6263 : 2018	Volatile corrosion inhibitor (Vci) treated paper - Specification (First Revision)	-	-	Indigenous
72	IS 6552 : 1987 Reviewed In : 2019	Specification for straight mineral high demulsibility oils (First Revision)	November, 2019	-	Indigenous

73	IS 719 : 2022	Antifriction Bearing Grease (third revision)		-	Indigenous
74	IS 720 : 2022	Locomotive Greases		-	Indigenous
75	IS 7514 : 2020 DEF STAN 91-111 Issu	Grease, Low Temperature ? Specification (Second Revision)	-	-	Modified/Technically Equivalent
76	IS 7623 : 2019	Multipurpose industrial grease - Specification (Third Revision)	-	-	Indigenous
77	IS 8406 : 1993 Reviewed In : 2024	Gear lubricants for enclosed industrial gear drives - Specification (Second Revision)	April, 2024	1	Indigenous
78	IS 8654 : 2019	Automotive hydraulic brake fluid, heavy duty - Specification (Third Revision)	-	-	Indigenous
79	IS 9136 : 2022	Calcium Complex Grease - Specification (second revision)		-	Indigenous
80	IS 9182 (Part 1) : 1993 Reviewed In : 2019	Lubricants for wire ropes and fibre cores - Specification: Part 1 lubricants for fibre core of wire - Ropes (First Revision)	November, 2019	-	Indigenous
81	IS 9182 (Part 2) : 1993 Reviewed In : 2019	Lubricants for wire ropes and - Fibre cores - Specification part - 2 lubricants for wire strands and ropes . (First Revision)	November, 2019	-	Indigenous
82	IS 9182 (Part 3) : 1993 Reviewed In : 2019	Lubricants for wire ropes and fibre cores - Specification: Part 3 lubricants for rope dressing in service (First Revision)	November, 2019	-	Indigenous
83	IS 9466 : 2020 ISO 3448-92	Viscosity Classification For Industrial Liquid Lubricants (First Revision)	-	-	Modified/Technically Equivalent
84	IS 9554 : 1980 Reviewed In : 2019	Specifications for lubricants for open gears	November, 2019	1	Indigenous
85	IS 958 : 2020	Temporary Corrosion Preventives, Grease Type, Soft Film ? Specification (Third Revision)	-	-	Indigenous
86	IS 9611 : 1980 Reviewed In : 2019	Specifications for cutting oil soluble, clear	November, 2019	1	Indigenous
87	IS 9917 : 2022	Calcium Base Heat Stable Grease - Specification (second revision)		-	Indigenous

Standards under Development

Projects Approved

SI. No.	Doc No.	Title
<i>No Records Found</i>		

Preliminary Draft Standards

SI. No.	Doc No.	Title
1	PCD 25 (23378)	BIODEGRADABLE LUBRICATING GREASES SPECIFICATION

Drafts Standards in WC Stage

SI. No.	Doc No.	Title
1	PCD 25 (22800) Revision	LUBRICANTS FOR SPARK-IGNITION AIR-COOLED GASOLINE ENGINES

	of: IS 14234:2017	SPECIFICATION Part 2 Four-Stroke Spark-Ignition Air-Cooled Engines for Scooters Mopeds and Motorcycles
2	PCD 25 (25017)	LUBRICANTS INDUSTRIAL OILS AND RELATED PRODUCTS CLASS L FAMILY H HYDRAULIC SYSTEMS SPECIFICATIONS FOR HYDRAULIC FLUIDS IN CATEGORIES HETG HEPG HEES AND HEPR
3	PCD 25 (25088) Revision of: IS 11186:1985	SPECIFICATION FOR SYNTHETIC GRINDING FLUID
4	PCD 25 (25117) Revision of: IS 507:1993	GENERAL PURPOSE GREASE FOR DEFENCE APPLICATIONS SPECIFICATION
5	PCD 25 (25217) Revision of: IS 8406:1993	GEAR LUBRICANTS FOR ENCLOSED INDUSTRIAL GEAR DRIVES SPECIFICATION

Draft Standards Completed WC Stage

Sl. No.	Doc No.	Title
1	PCD 25 (14340) Revision of: IS 8406:1993	MULTIPURPOSE GREASE FOR AUTOMOTIVE APPLICATIONS SPECIFICATION
2	PCD 25 (14360) Revision of: IS 8406:1993	Wheel Bearing Grease
3	PCD 25 (14904)	All weather antiwear hydraulic oils - Specification
4	PCD 25 (23946)	LUBRICANTS INDUSTRIAL OILS AND RELATED PRODUCTS CLASS L FAMILY H HYDRAULIC SYSTEMS SPECIFICATIONS FOR HYDRAULIC FLUIDS IN CATEGORIES HFAE HFAS HFB HFC HFDR AND HFDU

Finalized Draft Indian Standard

Sl. No.	Doc No.	Title
1	PCD 25 (23352) Revision of: IS 13256:1992	LUBRICANTS INDUSTRIAL OILS AND RELATED PRODUCTS CLASS L FAMILY D COMPRESSORS PART 1 SPECIFICATIONS OF CATEGORIES DAA AND DAB LUBRICANTS FOR RECIPROCATING AND DRIP FEED ROTARY AIR COMPRESSORS

Finalized Draft Indian Standards under Print

Sl. No.	Doc No.	Title
1	PCD 25 (18597) Revision of: IS 6552:1987	Straight mineral high demulsibility oils - Specification
2	PCD 25 (18660) Revision of: IS 2664:1980	Quenching oil - Specification Third Revision
3	PCD 25 (22088)	VIRGIN AND RE-REFINED BASE OILS OF MINERAL ORIGIN SPECIFICATION Part 1 Group I to III Base Oils

Total Published Standards:85 Total Standards Under development:14

Aspect Wise Report

Product : 72
Code of Practices : 4
Methods of Test : 0
Terminology : 0
Dimensions : 0
System Standard : 0
Safety Standard : 0
Others : 9
Service Specification : 0
Process Specification : 0
Unclassified : 0

Annexure-I :List of Indian Standards Withdrawn/Superseded

SI. No.	IS No. & Year	Title
1	IS 1088 : 1987 Reviewed In : 2019	Specification for lubricants for clock like mechanisms and precision instruments Second Revision
2	IS 14234 : 1996 Reviewed In : 2013	Lubricants for Two-stroke Spark Ignition Air-cooled Gasoline Engines
3	IS 8654 : 2001 Reviewed In : 2011 ISO 2797:2017	Automotive Hydraulic Brake Fluid Heavy Duty

Annexure-II :List of Indian Product Standards

SI. No.	IS No. & Year	Title
1	IS 1012 : 2002 Reviewed In : 2018 Reaffirmed but not taken up for revision	Turbine lubricating oils - Specification Third Revision
2	IS 10522 : 1983 Reviewed In : 2019	Specification for antiwear hydraulic oil
3	IS 10532 (Part 1) : 1983 Reviewed In : 2019	Specification for fire - Resistant hydraulic fluids Part i dilute emulsions for powered supports
4	IS 10532 (Part 2) : 1983 Reviewed In : 2019	Specification for fire - Resistant hydraulic fluids - Part 2 invert emulsions Water - In - Oil type
5	IS 10532 (Part 3) : 1983 Reviewed In : 2019	Specificaiton for fire - Resistant hydraulic fluids - Part 3 water glycol type
6	IS 10532 (Part 4) : 2019	Fire resistant hydraulic fluids - Specification Part 4 phosphate esters type First Revision
7	IS 10532 (Part 5) : 2016 Reviewed In : 2021	Fire resistant hydraulic fluids - Specification Part 5 organic ester type
8	IS 10647 : 1983 Reviewed In : 2019	Specification for wheel bearing grease
9	IS 1083 : 2022	Industrial White Oil - Specification Second Revision
10	IS 1115 : 1986 Reviewed In : 2024	Specification for general purpose cutting oil soluble Second Revision
11	IS 1118 : 2019	Gear lubricants multipurpose Extreme Pressure Gear Oil - specification Second Revision
12	IS 11186 : 1985 Reviewed In : 2024	Specification for synthetic grinding fluid
13	IS 1153 : 2021 IEC 62746-10-1:2018	Temporary Corrosion Preventives Hard Film Solvent Deposited
14	IS 1154 : 2022 ISO 15324	Temporary Corrosion Preventive Fluid Soft Film Solvent Deposited Water Displacing - Specification second revision
15	IS 11637 : 2022	Calcium Based EP Grease - Specification first revision
16	IS 11656 : 1986 Reviewed In : 2024	Specification for antiwear hydraulic oil extra heavy duty type
17	IS 11695 : 2020	Inhibited Type Machinery Oils Specification First Revision
18	IS 11696 : 2020	Inhibited Type Spindle Oils Specification First Revision
19	IS 12203 : 1999 Reviewed In : 2019	Lithium base grease for automotive purposes - Specification First Revision
20	IS 12790 : 1999 Reviewed In : 2019	Non - Soap grease - Specification First Revision
21	IS 12927 : 2004 Reviewed In : 2019	Glass mould oils - Specification First Revision
22	IS 13256 : 1992 Reviewed In : 2019	Air compressor lubricants - Types daa and dab - Specification

23	IS 13656 : 2019	Internal combustion engine crankcase oils for automotive application Diesel And Gasoline - Specification Third Revision
24	IS 13796 : 2004 Reviewed In : 2019	Molybdenum disulphide powder for lubricants - Specification First Revision
25	IS 13797 : 2021	Molybdenum Disulphide Dispersion in Oil - Specification first revision
26	IS 13913 : 2020	Molybdenum Disulphide Paste Specification First Revision
27	IS 14234 (Part 1) : 2002 Reviewed In : 2018 Reaffirmed but not taken up for revision	Lubricants for air - Cooled spark - Ignition engines - Specification Part 1 two - Stroke spark - Ignition engines First Revision
28	IS 14234 (Part 2) : 2017	Lubricants for Spark-Ignition Air-Cooled Gasoline Engines Specification Part 2 Four-Stroke Spark-Ignition Air-Cooled Engines for Scooters Mopeds and Motorcycles
29	IS 14383 : 1996 Reviewed In : 2018 Reaffirmed but not taken up for revision	Silicone greases - Specification
30	IS 14384 : 1996 Reviewed In : 2024	Colloidal graphite dispersion in oil - Specification
31	IS 14385 : 1996 Reviewed In : 2024	Aluminium cold rolling oils - Specification
32	IS 14745 : 1999 Reviewed In : 2019	Thermic fluids - Specification
33	IS 14779 : 2000 Reviewed In : 2016	General purpose oil based temporary corrosion preventives - Specification
34	IS 14847 : 2000 Reviewed In : 2016 Reaffirmed but not taken up for revision	Lithium complex grease for industrial purposes - Specification
35	IS 15112 (Part 1) : 2002 Reviewed In : 2024 ISO 12925-1	General classification of lubricants industrial oils and related products Part 1 class 1
36	15178 : 2021 ISO 21672-1:2012	Hydraulic Fluid Power - Fire-Resistant FR Fluids - Requirements and Guidelines for Use First Revision
37	IS 1589 : 1994 Reviewed In : 2024	Oil cylinder - Specification First Revision
38	IS 1628 : 1986 Reviewed In : 2018	Specification for axle oil Second Revision
39	IS 16909 : 2018 Reviewed In : 2023	Girth gear lubricants - Specification
40	IS 17382 : 2021	Syn Gas Ammonia Turbo Compressor Lubricating Oils Specification
41	IS 1758 : 1986 Reviewed In : 2024	Specification for jute batching oil Second Revision
42	IS 2297 : 1997 Reviewed In : 2019	Gear lubricants compounded - Specification Third Revision
43	IS 2664 : 1980 Reviewed In : 2019	Specification for quenching oil Second Revision
44	IS 3065 : 2021 ISO 20236 : 2018	cutting oil neat
45	IS 3098 : 1983 Reviewed In : 2019	Specification for oil hydraulic mineral oil type Second Revision
46	IS 408 : 2020	Grease No 0 Graphited Specification Third Revision
47	IS 4543 : 1977 Reviewed In : 2019	Specification marquenching oil First Revision
48	IS 4578 : 1997 Reviewed In : 2019	Lubricants - Lubricating oil for refrigeration machinery - Specification Second Revision

49	IS 493 (Part 1) : 2019	Specification for general purpose machinery and spindle oils Part 1 machinery oils Second Revision
50	IS 493 (Part 2) : 2019	Specification for general purpose machinery and spindle oils Part 2 spindle oils Second Revision
51	IS 495 : 2023	Graphite Flake for Lubricants - Specification
52	IS 506 : 2019	Automotive and other general purpose grease specification Fourth Revision
53	IS 507 : 1993 Reviewed In : 2021	General purpose grease for defence applications - Specification Third Revision
54	IS 508 : 2022	Grease Graphited - Specification fifth revision
55	IS 5730 : 1970 Reviewed In : 2019	Specification for volatile corrosion inhibitor powder
56	IS 5759 : 2006 Reviewed In : 2024	Antifreeze coolant - Specification Second Revision
57	IS 6050 : 1971 Reviewed In : 2019	Specification for temporary corrosion preventives strippable hot dipping type
58	IS 6263 : 2018	Volatile corrosion inhibitor Vci treated paper - Specification First Revision
59	IS 6552 : 1987 Reviewed In : 2019	Specification for straight mineral high demulsibility oils First Revision
60	IS 719 : 2022	Antifriction Bearing Grease third revision
61	IS 720 : 2022	Locomotive Greases
62	IS 7514 : 2020 DEF STAN 91-111 Issu	Grease Low Temperature Specification Second Revision
63	IS 7623 : 2019	Multipurpose industrial grease - Specification Third Revision
64	IS 8406 : 1993 Reviewed In : 2024	Gear lubricants for enclosed industrial gear drives - Specification Second Revision
65	IS 9136 : 2022	Calcium Complex Grease - Specification second revision
66	IS 9182 (Part 1) : 1993 Reviewed In : 2019	Lubricants for wire ropes and fibre cores - Specification Part 1 lubricants for fibre core of wire - Ropes First Revision
67	IS 9182 (Part 2) : 1993 Reviewed In : 2019	Lubricants for wire ropes and - Fibre cores - Specification part - 2 lubricants for wire strands and ropes First Revision
68	IS 9182 (Part 3) : 1993 Reviewed In : 2019	Lubricants for wire ropes and fibre cores - Specification Part 3 lubricants for rope dressing in service First Revision
69	IS 9554 : 1980 Reviewed In : 2019	Specifications for lubricants for open gears
70	IS 958 : 2020	Temporary Corrosion Preventives Grease Type Soft Film Specification Third Revision
71	IS 9611 : 1980 Reviewed In : 2019	Specifications for cutting oil soluble clear
72	IS 9917 : 2022 ISO 18744 : 2016	Calcium Base Heat Stable Grease - Specification second revision