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	Turbine lubricating oils -	February, 2018	1	Indigenous
	Reviewed In: 2018	Specification (Third Revision)			
	Reaffirmed but not				
	taken up for revision				
2	IS 10522 : 1983	Specification for antiwear	November, 2019	-	Indigenous
	ISO 3448	hydraulic oil			
	Reviewed In: 2019				
3	IS 10531 : 1983	Code of practice for selection and	November, 2019	-	Indigenous
	Reviewed In: 2019	use of fire - Resistant hydraulic			
		fluids			
4	IS 10532 (Part 1):	Specification for fire - Resistant	November, 2019	1	Indigenous
	1983	hydraulic fluids: Part i dilute			
	Reviewed In: 2019	emulsions for powered supports			
5	IS 10532 (Part 2):	Specification for fire - Resistant	November, 2019	1	Indigenous
	1983	hydraulic fluids - Part 2 : invert			
	Reviewed In: 2019	emulsions (Water - In - Oil) type			
6	IS 10532 (Part 3):	Specification for fire - Resistant	November, 2019	2	Indigenous
	1983	hydraulic fluids - Part 3 : water			
	Reviewed In: 2019	glycol type			
7	IS 10532 (Part 4):	Fire resistant hydraulic fluids -	April, 2024	-	Indigenous
	2019	Specification: Part 4 phosphate			
		esters type (First Revision)			
	Reviewed In: 2024				
8	IS 10532 (Part 5):	Fire resistant hydraulic fluids -	April, 2021	-	Indigenous
	2016	Specification: Part 5 organic ester			
		type			
	Reviewed In: 2021				
9	IS 10647 : 1983	Specification for wheel bearing	November, 2019	-	Indigenous
	Reviewed In: 2019	grease			
10	IS 1083 : 2022	Industrial White Oil - Specification		-	Indigenous
		(Second Revision)			
11	IS 1115 : 1986	Specification for general purpose	April, 2024	1	Indigenous
	Reviewed In: 2024	cutting oil, soluble (Second			
1		I		I	

	1	Revision)			1
12	IS 11159 (Part 1):	General Classification of	-	-	Indigenous
	2020	Lubricants, Industrial Oils and			
		Related Products Part 1 Class L (
		First Revision)			
13	IS 11159 (Part 2):	Classification of lubricants		-	Indigenous
	2021	industrial oils and related products			
		Part 2 Family A Total loss systems			
14	IS 11159 (Part 3):	General classification of lubricants		_	Indigenous
	2021	industrial oils and related products			margeneas
	2021	Part 3 Family F Spindle bearings			
		bearings and associated clutches			
15	IS 11159 (Part 4):	Lubricants, industrial oils and	April, 2021	_	Identical under dual
13	2011	related products (Class L) -	71pm, 2021		numbering
	ISO 6743-3 : 2003	Classification: Part 4 family d			namoering
	Reviewed In : 2021	(Compressors)			
	ISO 6743-3 : 2003	(Compressors)			
16	IS 11159 (Part 5):	Lubricants, industrial oils and			Identical under dual
10	2019	related products (Class L) -	-	_	numbering
	ISO 6743_4 : 2009	Classification: Part 5 family h			numbering
	130 0743_4 . 2009	· · · · · · · · · · · · · · · · · · ·			
	Reaffirmed but not	(Hydraulic Systems) (First Revision)			
	taken up for revision	· ·			
	<u> </u>				
17	ISO 6743-4 : 1999	Lubricants, industrial oils and	A:1 2021		Idantical and and all
17	IS 11159 (Part 6):	, ·	April, 2021	-	Identical under dual
	2011	related products (Class L) -			numbering
	ISO 6743_5 : 2006	Classification: Part 6 family t			
	Reviewed In : 2021	(Turbines)			
10	ISO 6743-5 : 2006				*
18	IS 11159 (Part 7):	Lubricants, industrial oils and	-	-	Identical under dual
	2019	related products (Class L) -			numbering
	ISO 6736-6 : 2018	Classification: Part 7 family c			
		(Gear Systems) (First Revision)			
	Reaffirmed but not				
	taken up for revision				
	ISO 6743-6 : 2018				
19	IS 11159 (Part 13):	Lubricants, industrial oils and		-	Identical under dual
	2019	related products (Class L) -			numbering
	ISO 6743-12 : 1989	Classification: Part 13 family q			
		(Heat Transfer Fluids)			
	Reaffirmed but not				
	taken up for revision				
	ISO 6743-12				
20	IS 1118 : 2019	Gear lubricants, multipurpose	-	-	Indigenous
		(Extreme Pressure Gear Oil) -			
		specification (Second Revision)			
21		Specification for synthetic grinding	April, 2024	1	Indigenous
	Reviewed In: 2024	fluid			
22	IS 1153 : 2021	Temporary Corrosion Preventives		-	Indigenous
		Hard Film Solvent Deposited			
23	IS 1154 : 2022	Temporary Corrosion Preventive		-	Indigenous
		Fluid, Soft Film, Solvent			
		Deposited, Water Displacing -			
		Specification (second revision)			
24	IS 11637 : 2022	Calcium Based EP Grease -		-	Indigenous
24	IS 11637 : 2022			-	Indigenous
24	IS 11637 : 2022 IS 11656 : 1986	Calcium Based EP Grease -	April, 2024	- 1	Indigenous Indigenous
	IS 11656 : 1986	Calcium Based EP Grease - Specification (first revision)	April, 2024	- 1	

		Specification (First Revision)			
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	29 IS 12790 : 1999 Non - Soap grease - Specification November, 2019 - Reviewed In : 2019 (First Revision)		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		Internal combustion engine crankcase oils for automotive application (Diesel And Gasoline) - Specification (Third Revision)	-	1	Indigenous
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 Reviewed In: 2024	Lubricants for Spark-Ignition Air- Cooled Gasoline Engines â€" Specification Part 2 Four-Stroke Spark-Ignition Air-Cooled Engines for Scooters, Mopeds and Motorcycles	April, 2024	-	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 Decision taken to Reaffirm and Archive	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 Reaffirmed but not taken up for revision	General purpose oil based temporary corrosion preventives - Specification	May, 2016	-	Indigenous
43	IS 14847 : 2000	Lithium complex grease for	May, 2016	-	Indigenous

	Reviewed In : 2016 Reaffirmed but not taken up for revision	industrial purposes - Specification			
44	IS 15112 (Part 1): 2002 ISO 12925-1 Reviewed In: 2024 ISO 12925-1	General classification of lubricants, industrial oils and related products: Part 1 class l	April, 2024	-	Identical under dual numbering
45	15178 : 2021 ISO 7745 : 2010 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 : 2024	Specification for axle oil (Second Revision)	April, 2024	-	Indigenous
48	IS 16775 : 2018 ISO/TS 11365 : 2011 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 ISO/TS 11366 : 2011 Reviewed In : 2023 Reaffirmed but not taken up for revision	Petroleum and related products - Guidance for in - Servicing of lubricating oils for steam, gas and combined - Cycle turbines	July, 2023	-	Indigenous
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 18722 (Part 1): 2024	VIRGIN AND RE-REFINED BASE OILS OF MINERAL ORIGIN � SPECIFICATION Part 1 : Group I to Group III Base Oils		-	Indigenous
54	IS 2297 : 1997 Reviewed In : 2019	Gear lubricants, compounded - Specification (Third Revision)	November, 2019	-	Indigenous
55	IS 2664 : 1980 Reviewed In : 2019	Specification for quenching oil (Second Revision)	November, 2019	1	Indigenous
56	IS 3065 : 2021	cutting oil neat		-	Indigenous
57	IS 3098 : 1983 Reviewed In : 2019	Specification for oil, hydraulic, mineral oil type (Second Revision)	November, 2019	-	Indigenous
58	IS 408 : 2020	Grease No. 0, Graphited — Specification (Third Revision)	-	1	Indigenous
59	IS 4543 : 1977 Reviewed In : 2019	Specification marquenching oil (First Revision)	November, 2019	1	Indigenous
60	IS 4578 : 1997 Reviewed In : 2019	Lubricants - Lubricating oil for refrigeration machinery - Specification (Second Revision)	November, 2019	1	Indigenous
61	IS 493 (Part 1):	Specification for general purpose	-	-	Indigenous

	2019	machinery and spindle oils: Part 1 machinery oils (Second Revision)			
	Reaffirmed but not taken up for revision				
62	IS 493 (Part 2): 2019	Specification for general purpose machinery and spindle oils: Part 2 spindle oils (Second Revision)	-	-	Indigenous
	Reaffirmed but not taken up for revision				
63	IS 495 : 2023	Graphite Flake for Lubricants - Specification		-	Indigenous
64	IS 506 : 2019	Automotive and other general purpose grease ? specification (Fourth Revision)	-	-	Indigenous
	Reaffirmed but not taken up for revision				
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 : 2024	Code of practice for application of temporary corrosion preventives	April, 2024	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
	Reaffirmed but not taken up for revision	, i			
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	Grease, Low Temperature ? Specification (Second Revision)	-	-	Modified/Technically Equivalent
7.6	Issu	M.E			T. P.
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,	-	-	Indigenous

1	1			1	1
		heavy duty - Specification (Third			
		Revision)	,		
79	IS 9136 : 2022	Calcium Complex Grease -		-	Indigenous
		Specification (second revision)			
80	IS 9182 (Part 1):	Lubricants for wire ropes and fibre	November, 2019	-	Indigenous
	1993	cores - Specification: Part 1			
	ISO 3156	lubricants for fibre core of wire -			
	Reviewed In: 2019	Ropes (First Revision)			
81	IS 9182 (Part 2):	Lubricants for wire ropes and -	November, 2019	-	Indigenous
	1993	Fibre cores - Specification part - 2			
	ISO 3156	lubricants for wire strands and			
	Reviewed In: 2019	ropes . (First Revision)			
82	IS 9182 (Part 3):	Lubricants for wire ropes and fibre	November, 2019	-	Indigenous
	1993	cores - Specification: Part 3			
	ISO 3156	lubricants for rope dressing in			
	Reviewed In: 2019	service (First Revision)			
83	IS 9466 : 2020	Viscosity Classification For	-	-	Modified/Technically
		Industrial Liquid Lubricants (First			Equivalent
	ISO 3448-92	Revision)			_
84	IS 9554 : 1980	Specifications for lubricants for	November, 2019	1	Indigenous
	Reviewed In: 2019	open gears			
85	IS 958 : 2020	Temporary Corrosion Preventives,	-	-	Indigenous
		Grease Type, Soft Film?			
		Specification (Third Revision)			
86	IS 9611 : 1980	Specifications for cutting oil	November, 2019	1	Indigenous
	Reviewed In: 2019	soluble, clear			
87	IS 9917 : 2022	Calcium Base Heat Stable Grease -		-	Indigenous
		Specification (second revision)			

Standards under Development

	Projects Approved				
SI. No.	SI. No. Doc No. Title				
No Records Found					

	Preliminary Draft Standards				
SI. No.	SI. No. Doc No. Title				
No Records Found					

	Drafts Standards in WC Stage				
SI. No.	Doc No.	Title			
1	PCD 25 (23378)	BIODEGRADABLE LUBRICATING GREASES SPECIFICATION			
2	PCD 25 (26822) Revision	INTERNAL COMBUSTION ENGINE CRANKCASE OILS FOR AUTOMOTIVE			
	of: IS 13656:2019	APPLICATION DIESEL AND GASOLINE SPECIFICATION			
3	PCD 25 (26883) Revision	MARQUENCHING OILS SPECIFICATION			
	of: IS 4543:1977				
4	PCD 25 (26917) Revision	LUBRICANTS LUBRICATING OIL FOR REFRIGERATION MACHINERY			
	of: IS 4578:1997	SPECIFICATION			
5	PCD 25 (26983) Revision	AUTOMOTIVE GEAR AND AXLE LUBRICANTS MULTIPURPOSE EXTREME PRESSURE			
	of: IS 1118:2019	SPECIFICATION Third Revision of IS 1118			

	Draft Standards Completed WC Stage					
SI. No.	Doc No.	Title				
1	PCD 25 (14904)	All weather antiwear hydraulic oils - Specification				

2	PCD 25 (22800) Revision	LUBRICANTS FOR SPARK-IGNITION AIR-COOLED GASOLINE ENGINES
	of: IS 1118:2019	SPECIFICATION Part 2 Four-Stroke Spark-Ignition Air-Cooled Engines for Scooters Mopeds and
		Motorcycles
3	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
4	PCD 25 (25088) Revision	SPECIFICATION FOR SYNTHETIC GRINDING FLUID
	of: IS 1118:2019	
5	PCD 25 (25117) Revision	GENERAL PURPOSE GREASE FOR DEFENCE APPLICATIONS SPECIFICATION
	of: IS 1118:2019	
6	PCD 25 (25217) Revision	GEAR LUBRICANTS FOR ENCLOSED INDUSTRIAL GEAR DRIVES SPECIFICATION
	of: IS 1118:2019	
7	PCD 25 (25403) Revision	PETROLEUM AND RELATED PRODUCTS REQUIREMENTS AND GUIDANCE FOR THE
	of: IS 1118:2019	MAINTENANCE OF TRIARYL PHOSPHATE ESTER TURBINE CONTROL FLUIDS
8	PCD 25 (25990) Revision	HYDRAULIC FLUID POWER FIRE-RESISTANT FLUIDS REQUIREMENTS AND
	of: IS 1118:2019	GUIDELINES FOR USE

	Finalized Draft Indian Standard					
SI. No.	Doc No.	Title				
1	PCD 25 (14340) Revision	MULTIPURPOSE GREASE FOR AUTOMOTIVE APPLICATIONS SPECIFICATION				
	of: IS 12203:1999					
2	PCD 25 (14360) Revision	Wheel Bearing Grease				
	of: IS 10647:1983					
3	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 Standards under Print		
SI. No.	Doc No.	Title
1	PCD 25 (18597) Revision	Straight mineral high demulsibility oils - Specification
	of: IS 6552:1987	
2	PCD 25 (18660) Revision	Quenching oil - Specification Third Revision
	of: IS 2664:1980	
3	PCD 25 (23352) Revision	LUBRICANTS INDUSTRIAL OILS AND RELATED PRODUCTS CLASS L FAMILY D
	of: IS 13256:1992	COMPRESSORS PART 1 SPECIFICATIONS OF CATEGORIES DAA AND DAB
		LUBRICANTS FOR RECIPROCATING AND DRIP FEED ROTARY AIR COMPRESSORS

Total Published Standards:85 Total Standards Under development:19

Aspect Wise Report

Product: 73

Code of Practices: 4

 $Methods\ of\ Test:0$

Terminology: 0

Dimensions: 0

System Standard: 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
		Specification for lubricants for clock like mechanisms and precision instruments Second Revison

1	IS 1088 : 1987 Reviewed In : 2019	
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

CT N	TON ON	TOTAL 1
SI. No.	IS No. & Year	Title Title
1	IS 1012 : 2002	Turbine lubricating oils - Specification Third Revision
	Reviewed In: 2018	
	Reaffirmed but not taken up	
	for revision	
2	IS 10522 : 1983	Specification for antiwear hydraulic oil
	ISO 3448	
_	Reviewed In: 2019	
3	IS 10532 (Part 1): 1983	Specification for fire - Resistant hydraulic fluids Part i dilute emulsions for powered supports
ļ	Reviewed In: 2019	
4	IS 10532 (Part 2): 1983	Specification for fire - Resistant hydraulic fluids - Part 2 invert emulsions Water - In - Oil type
	Reviewed In : 2019	
5	IS 10532 (Part 3): 1983	Specificaiton for fire - Resistant hydraulic fluids - Part 3 water glycol type
	Reviewed In: 2019	
6	IS 10532 (Part 4): 2019	Fire resistant hydraulic fluids - Specification Part 4 phosphate esters type First Revision
	_ , , ,	
	Reviewed In: 2024	
7	IS 10532 (Part 5) : 2016	Fire resistant hydraulic fluids - Specification Part 5 organic ester type
_	Reviewed In: 2021	
8	IS 10647 : 1983	Specification for wheel bearing grease
	Reviewed In: 2019	
9	IS 1083 : 2022	Industrial White Oil - Specification Second Revision
	ISO 5366:2016	
10	IS 1115 : 1986	Specification for general purpose cutting oil soluble Second Revision
	Reviewed In: 2024	
11	IS 1118 : 2019	Gear lubricants multipurpose Extreme Pressure Gear Oil - specification Second Revision
10	XC 11106 1007	
12	IS 11186 : 1985	Specification for synthetic grinding fluid
10	Reviewed In : 2024	
13	IS 1153 : 2021	Temporary Corrosion Preventives Hard Film Solvent Deposited
1.4	IEC 62746-10-1:2018	The state of the s
14	IS 1154 : 2022	Temporary Corrosion Preventive Fluid Soft Film Solvent Deposited Water Displacing -
1.5	ISO 15324	Specification second revision
15	IS 11637 : 2022	Calcium Based EP Grease - Specification first revision
16	IC 11656 : 1006	Charification for antiques by decidional antiques because duty times
16	IS 11656 : 1986	Specification for antiwear hydraulic oil extra heavy duty type
17	Reviewed In : 2024 IS 11695 : 2020	Inhibited Type Machinery Oils Specification First Revision
1 /	15 11695 : 2020	innibited Type Machinery Ons Specification First Revision
18	IS 11696 : 2020	Inhibited Type Spindle Oils Specification First Revision
18	13 11090 : 2020	minorica Type Spinale Ons Specification First Revision
19	IS 12203 : 1999	Lithium base grease for automotive purposes - Specification First Revision
19	Reviewed In : 2019	Entitudi base grease for automotive purposes - specification first Kevision
20	IS 12790 : 1999	Non - Soap grease - Specification First Revision
	Reviewed In : 2019	rion - Soap grease - Specification Phst Revision
	Reviewed III: 2019	

21	IS 12927 : 2004	Class mould ails - Specification First Participa
21	Reviewed In : 2019	Glass mould oils - Specification First Revision
22	IS 13256 : 1992	Air compressor lubricants - Types daa and dab - Specification
	Reviewed In : 2019	The compressor ruoricants Types dad and day Specification
23	IS 13656 : 2019	Internal combustion engine crankcase oils for automotive application Diesel And Gasoline -
	15 13030 : 2019	Specification Third Revision
24	IS 13796 : 2004	Molybdenum disulphide powder for lubricants - Specification First Revision
	Reviewed In: 2019	
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	Lubricants for air - Cooled spark - Ignition engines - Specification Part 1 two - Stroke spark -
21	Reviewed In : 2018	Ignition engines First Revision
	Reaffirmed but not taken up	ignition engines i list revision
	for 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
	Reviewed In: 2024	
29	IS 14383 : 1996	Silicone greases - Specification
	Reviewed In: 2018	
	Reaffirmed but not taken up	
	for revision	
30	IS 14384 : 1996	Colloidal graphite dispersion in oil - Specification
	Reviewed In: 2024	
	Decision taken to Reaffirm	
	and Archive	
31	IS 14385 : 1996	Aluminium cold rolling oils - Specification
	Reviewed In: 2024	
32	IS 14745 : 1999	Thermic fluids - Specification
	Reviewed In: 2019	
33	IS 14779 : 2000	General purpose oil based temporary corrosion preventives - Specification
	Reviewed In: 2016	
	Reaffirmed but not taken up	
2.4	for revision	
34	IS 14847 : 2000	Lithium complex grease for industrial purposes - Specification
	Reviewed In: 2016	
	Reaffirmed but not taken up	
35	for revision IS 15112 (Part 1): 2002	General classification of lubricants industrial oils and related products Part 1 class l
33	ISO 12925-1	General classification of fuoricants industrial ons and fedated products Part 1 class I
	Reviewed In : 2024 ISO	
	12925-1	
36	15178 : 2021	Hydraulic Fluid Power - Fire-Resistant FR Fluids - Requirements and Guidelines for Use First
	ISO 7745 : 2010	Revision
	ISO 21672-1:2012	
37	IS 1589 : 1994	Oil cylinder - Specification First Revision
	Reviewed In: 2024	• 1
38	IS 1628 : 1986	Specification for axle oil Second Revision
	Reviewed In: 2024	
39	IS 16909 : 2018	Girth gear lubricants - Specification
	Reviewed In: 2023	
40	IS 17382 : 2021	Syn Gas Ammonia Turbo Compressor Lubricating Oils Specification
41	IS 1758 : 1986	Specification for jute batching oil Second Revision
	Reviewed In: 2024	

42	IS 18722 (Part 1): 2024	VIRGIN AND RE-REFINED BASE OILS OF MINERAL ORIGIN SPECIFICATION Part 1
42	IS 2297 : 1997	Group I to Group III Base Oils
43		Gear lubricants compounded - Specification Third Revision
4.4	Reviewed In : 2019	Consideration for associate all Consul Desirion
44	IS 2664 : 1980	Specification for quenching oil Second Revision
4.7	Reviewed In : 2019	w. a
45	IS 3065 : 2021	cutting oil neat
1.6	ISO 20236 : 2018	
46	IS 3098 : 1983	Specification for oil hydraulic mineral oil type Second Revision
1-	Reviewed In: 2019	
47	IS 408 : 2020	Grease No 0 Graphited Specification Third Revision
40	IC 4542 1077	Constitution and the sit Plant Desiries
48	IS 4543 : 1977	Specification marquenching oil First Revision
40	Reviewed In : 2019	I believed. I believed a "I for a followed" and believe Constitution Constitution
49	IS 4578 : 1997	Lubricants - Lubricating oil for refrigeration machinery - Specification Second Revision
50	Reviewed In : 2019	
50	IS 493 (Part 1): 2019	Specification for general purpose machinery and spindle oils Part 1 machinery oils Second
		Revision
	D CC: 11 1	
	Reaffirmed but not taken up	
	for revision	
51	IS 493 (Part 2): 2019	Specification for general purpose machinery and spindle oils Part 2 spindle oils Second Revision
	5 65 11	
	Reaffirmed but not taken up	
	for revision	
52	IS 495 : 2023	Graphite Flake for Lubricants - Specification
	VG 506 2010	
53	IS 506 : 2019	Automotive and other general purpose grease specification Fourth Revision
	D (6) 11 4 4 1	
	Reaffirmed but not taken up	
5.1	for revision IS 507 : 1993	Consultation of the later and the state of the control of the cont
54		General purpose grease for defence applications - Specification Third Revision
5.5	Reviewed In : 2021 IS 508 : 2022	Constant Constitute Constitution (1944 and 1945 and
55	15 508 : 2022	Grease Graphited - Specification fifth revision
56	IS 5730 : 1970	Specification for volatile corrosion inhibitor powder
	Reviewed In : 2019	Specification for volatile corrosion inmotion powder
57	IS 5759 : 2006	Antifreeze coolant - Specification Second Revision
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