



SO GIANT OIL SEAL INDUSTRIAL CO., LTD.

6, INDUSTRIAL EAST RD.,
NANTOU CITY,
54012 TAIWAN

TEL. 886-49-2255067

FAX. 886-49-2255407

INSPECTION SPECIFICATION

File no. :

Date: JUN.11,2025

Specification for Material					Specification for Inspection						Dimension Inspection															
JIS G3141 SPCC-SD, OILED. (CQ2, UE)					CSC MILL INSPECTION																					
Item NO	Label NO	Material Description			Heat no	cmp	TENSILE G.L=50mm			Hardness Test Hrabw	Chemical Composition %															
		Thickness mm	Width mm	Mass kg			Y.S mpa	T.S mpa	EL %		C	Mn	Si	P	S	Al	Nb	V	Ti	Cr	Ni	Mo	Cu	N	B	Sn
		SPECIFICATION					MPa,N/mm2	%	MPa,N/m m2		X10	X10	X10	X10	X10	X10	X10	X10	X10	X10	X10	X10	X10	X10	X10	X10
003	H770373	0.500	1219	10,155	5VF90	TWN	156	308	48	31	2	12	0	15	4	27										
	H770374	"	"	10,160	5VF90	"	156	308	48	31	"	"	"	"	"	"										
	H770375	"	"	10,605	6BS80	TWN	150	303	49	36	2	14	0	9	6	30										
	H770376	"	"	10,635	6BS80	"	150	303	49	36	"	"	"	"	"	"										
	H770379	"	"	8,145	6BR51	TWN	157	308	47	38	2	14	0	14	3	33										
	H770380	"	"	8,155	6BR51	"	157	308	47	38	"	"	"	"	"	"										
			TOTAL:	57,855																						
NOTES	1MPa = 1N/mm2 A1 =TOTAL A1 CMP:THE COUNTRY OF MELT AND POUR TWN:TAIWAN																									

We hereby certify that the material described
herein has been made in accordance with the
above specification.

So Giant Oil Seal Industrial Co., Ltd.

CUTIE CHEN

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INSPECTION SPECIFICATION

File no. :

Date: JUN.12,2025

Specification for Material					Specification for Inspection						Dimension Inspection															
JIS G3141 SPCC-SD, OILED. (CQ2, UE)					CSC MILL INSPECTION																					
Item NO	Label NO	Material Description			Heat no	cmp	TENSILE G.L=50mm			Hardness Test Hrabw	Chemical Composition %															
		Thickness mm	Width mm	Mass kg			Y.S mpa	T.S mpa	EL %		C	Mn	Si	P	S	Al	Nb	V	Ti	Cr	Ni	Mo	Cu	N	B	Sn
		SPECIFICATION					MPa, N/mm2		%	45 Max	X10	X10	X10	X10	X10	X10	X10	X10	X10	X10	X10	X10	X10	X10	X10	
004	H770868	0.600	1219	10,155	5VF90	TWN	158	311	47	38	2	12	0	15	4	27										
	H770869	"	"	10,155	5VF90	"	158	311	47	38	"	"	"	"	"	"										
	H770870	"	"	10,620	6BR51	TWN	163	313	47	33	2	14	0	14	3	33										
	H770871	"	"	10,620	6BR51	"	163	313	47	33	"	"	"	"	"	"										
	H770872	"	"	10,655	6BR51	"	162	314	47	40	"	"	"	"	"	"										
	H770873	"	"	10,675	6BR51	"	162	314	47	40	"	"	"	"	"	"										
	H770874	"	"	10,635	6BR51	"	157	311	47	32	"	"	"	"	"	"										
	H770875	"	"	10,650	6BR51	"	157	311	47	32	"	"	"	"	"	"										
			TOTAL:	84,165																						
NOTES	1MPa = 1N/mm2 A1 =TOTAL A1 CMP:THE COUNTRY OF MELT AND POUR TWN:TAIWAN																									

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File no. :

Date: JUN.12,2025

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JIS G3141 SPCC-SD, OILED. (CQ2, UE)					CSC MILL INSPECTION																					
Item NO	Label NO	Material Description			Heat no	cmp	TENSILE G.L=50mm			Hardness Test Hrabw	Chemical Composition %															
		Thickness mm	Width mm	Mass kg			Y.S mpa	T.S mpa	EL %		C	Mn	Si	P	S	Al	Nb	V	Ti	Cr	Ni	Mo	Cu	N	B	Sn
											3 X10	2 X10	2 X10	3 X10	3 X10	3 X10	3 X10	3 X10	2 X10	2 X10	2 X10	2 X10	4 X10	4 X10	3 X10	
	SPECIFICATION						MPa,N/mm2		%	45 Max																
001	H336491	0.800	1219	10,825	5VD58	TWN	156	315	47	30	2	8	0	10	4	36										
	H336492	"	"	10,695	5VD58	"	156	315	47	30	"	"	"	"	"	"										
	H336493	"	"	10,895	5VD58	"	154	314	48	35	"	"	"	"	"	"										
	H336494	"	"	10,720	5VD58	"	154	314	48	35	"	"	"	"	"	"										
	H336495	"	"	10,835	5VD58	"	154	313	48	30	"	"	"	"	"	"										
	H336496	"	"	10,675	5VD58	"	154	313	48	30	"	"	"	"	"	"										
			TOTAL:	64,645																						
NOTES	1MPa = 1N/mm2 A1 =TOTAL A1 CMP:THE COUNTRY OF MELT AND POUR TWN:TAIWAN																									

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INSPECTION SPECIFICATION

File no. :

Date: JUN.03,2025

Specification for Material					Specification for Inspection						Dimension Inspection														
JIS G3141 SPCC-SD, OILED, HRB:30/45. (CQ2, UE)					CSC MILL INSPECTION																				
Item NO	Label NO	Material Description			Heat no	cmp	TENSILE G.L=50mm			Hardness Test Hrabw	Chemical Composition %														
		Thickness mm	Width mm	Mass kg			Y.S mpa	T.S mpa	EL %		C	Mn	Si	P	S	Al	Nb	V	Ti	Cr	Ni	Mo	Cu	N	B
		SPECIFICATION				MPa,N/mm2		%	45 Max	3 X10	2 X10	2 X10	3 X10	3 X10	3 X10	3 X10	3 X10	2 X10	2 X10	2 X10	2 X10	4 X10	4 X10	3 X10	
001	F435521	1.000	1219 TOTAL:	9,885 9,885	6BQ23	TWN	177	325	46	41	5	19	0	15	5	25									
NOTES	1MPa = 1N/mm2 A1 =TOTAL A1 CMP:THE COUNTRY OF MELT AND POUR TWN:TAIWAN																								

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INSPECTION SPECIFICATION

File no. :

Date: JUN.13,2025

Specification for Material					Specification for Inspection						Dimension Inspection															
JIS G3141 SPCC-SD, OILED, HRB:30/45. (CQ2, UE)					CSC MILL INSPECTION																					
Item NO	Label NO	Material Description			Heat no	cmp	TENSILE G.L=50mm			Hardness Test Hrabw	Chemical Composition %															
		Thickness mm	Width mm	Mass kg			Y.S mpa	T.S mpa	EL %		C	Mn	Si	P	S	Al	Nb	V	Ti	Cr	Ni	Mo	Cu	N	B	Sn
		SPECIFICATION						MPa ,N/mm2	%	45 Max	3 X10	2 X10	2 X10	3 X10	3 X10	3 X10	3 X10	3 X10	2 X10	2 X10	2 X10	2 X10	4 X10	4 X10	3 X10	
002	F435715	1.200	1219	11,260	5VE48	TWN	168	307	47	39	3	11	0	13	4	23										
	F435716	"	"	11,130	5VE48	"	168	307	47	39	"	"	"	"	"	"										
	F435717	"	"	11,265	5VE48	"	167	308	46	38	"	"	"	"	"	"										
	F435718	"	"	11,235	5VE48	"	167	308	46	38	"	"	"	"	"	"										
	F435765	"	"	11,235	5VE48	"	162	304	48	36	"	"	"	"	"	"										
			TOTAL:	56,125																						
NOTES	1MPa = 1N/mm2 A1 =TOTAL A1 CMP:THE COUNTRY OF MELT AND POUR TWN:TAIWAN																									

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File no. :

Date: JUN.25,2025

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JIS G3141 SPCC-SD, OILED, HRB:30/45. (CQ2, UE)					CSC MILL INSPECTION																				
Item NO	Label NO	Material Description			Heat no	cmp	TENSILE G.L=50mm			Hardness Test Hrabw	Chemical Composition %														
		Thickness mm	Width mm	Mass kg			Y.S mpa	T.S mpa	EL %		C	Mn	Si	P	S	Al	Nb	V	Ti	Cr	Ni	Mo	Cu	N	B
		SPECIFICATION					MPa,N/mm2		%	45 Max	3 X10	2 X10	2 X10	3 X10	3 X10	3 X10	3 X10	3 X10	2 X10	2 X10	2 X10	2 X10	4 X10	4 X10	3 X10
003	F435747 F435748	1.500 "	1219 " TOTAL:	8,690 8,325 17,015	4XD23 4XD23	TWN "	150 150	285 285	51 51	33 33	3 "	13 "	0 "	11 "	4 "	37 "									
NOTES	1MPa = 1N/mm2 A1 =TOTAL A1 CMP:THE COUNTRY OF MELT AND POUR TWN:TAIWAN																								

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JIS G3141 SPCC-SD, OILED. (CQ2, UE)					CSC MILL INSPECTION																					
Item NO	Label NO	Material Description			Heat no	cmp	TENSILE G.L=50mm			Hardness Test Hrabw	Chemical Composition %															
		Thickness mm	Width mm	Mass kg			Y.S mpa	T.S mpa	EL %		C	Mn	Si	P	S	Al	Nb	V	Ti	Cr	Ni	Mo	Cu	N	B	Sn
		SPECIFICATION					MPa,N/mm2		%	45 Max	3 X10	2 X10	2 X10	3 X10	3 X10	3 X10	3 X10	3 X10	2 X10	2 X10	2 X10	2 X10	4 X10	4 X10	3 X10	
001	H769759	2.010	1219	9,410	6BS79	TWN	164	284	51	33	2	14	0	12	3	37										
	H769760	"	"	9,535	6BS79	"	164	284	51	33	"	"	"	"	"	"										
	H769862	"	"	9,415	6BS79	"	160	281	55	32	"	"	"	"	"	"										
	H769863	"	"	9,645	6BS79	"	160	281	55	32	"	"	"	"	"	"										
				TOTAL:	38,005																					
NOTES	1MPa = 1N/mm2 A1 =TOTAL A1 CMP:THE COUNTRY OF MELT AND POUR TWN:TAIWAN																									

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