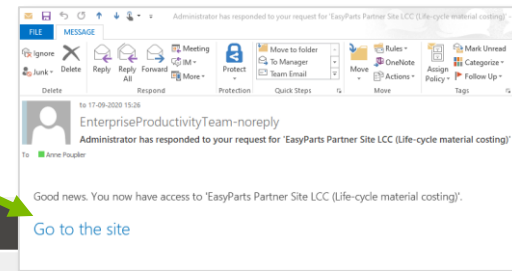


EasyParts Partner Site LCC

Tool to calculate service intervals and estimated cost for compressor spare parts

1 Access EasyParts LCC on:
<https://partners.jci.com/sites/2019117103352765/SitePages/Home.aspx>

NB. The LCC tool can be accessed when you have sent an request for access and have received an activation e-mail. Click on the "Go to the site" link in the email to open the LCC tool.



EasyParts LCC (Life-Cycle material costing)

EasyParts_LCC-Screw

2 Use link to switch between LCC-Screw and LCC-Recip calculation tool.

Type: SMC
 Size: 108
 Mk: Mk4 LL
 Stroke: L
 Cooling: Air
 Refrigerant: R717
 TE [°C]: -20
 TC [°C]: 30
 Speed rpm: 1800 fixed
 1500 h

EasyParts LCC-Recip

Life-cycle material costing

3 Update the criteria in the form, so it matches the compressor type and operating conditions, of which you want to calculate service intervals.

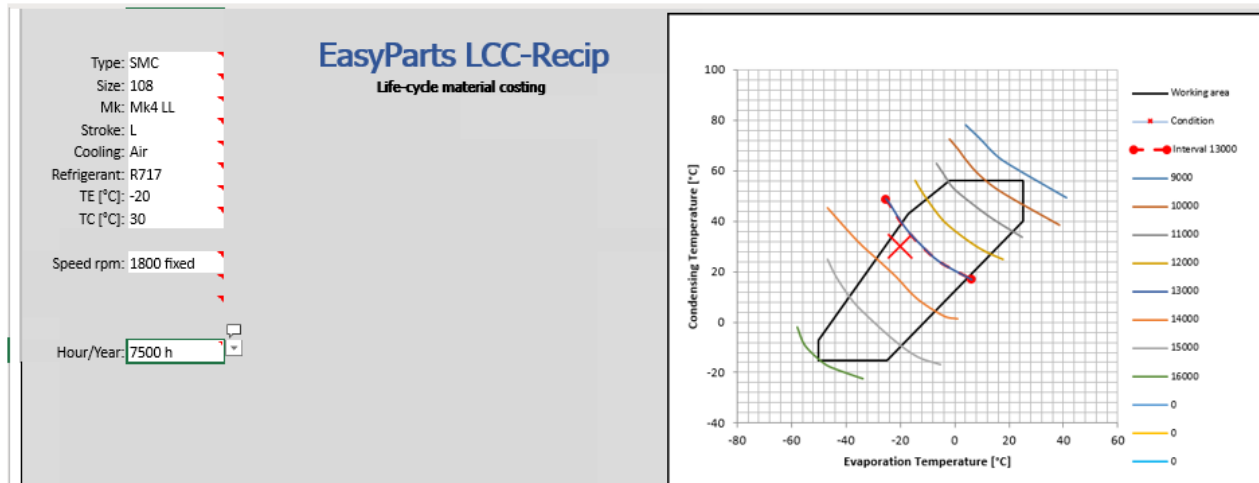
4 The diagram and the list of parts below will be updated each time you change the criteria.

LCC tool available for both screw and recip. compressors

Annual & Prescribed Service / SMC 108L Mk4 LL Air cooled R717 TE -20 TC 30				Master list price [EUR]				
Item	Hour	Description	Estimated Hours *	Price **	Acc.Total Price **	Yearly Average	Monthly Average	Hourly Average
3190.312		Annual service SMC 104-108 Mk4 LL / Mk5	5	450	450	450	37	0.06
3190.299	1. Service 11,000 h	Service set A SMC 108 Mk4 LL & Mk5 Air	16	3,668	4,118	2,059	172	0.27
3190.299	2. Service 22,000 h	Service set A SMC 108 Mk4 LL & Mk5 Air	16	3,668	7,786	2,595	216	0.35

EasyParts LCC

Tool to calculate service intervals and estimated cost for spare parts



Annual & Prescribed Service / SMC 108L Mk4 LL Air cooled R717 TE -20 TC 30					Master list price [EUR]					
Year	Service	Hour	Item	Description	Estimated Hours *	Price **	Acc.Total Price **	Yearly Average	Monthly Average	Hourly Average
1			3190.312	Annual service SMC 104-108 Mk4 LL / Mk5	5	450	450	450	37	0.06
2	1. Service	11,000 h	3190.299	Service set A SMC 108 Mk4 LL & Mk5 Air	16	3,668	4,118	2,059	172	0.27
3	2. Service	22,000 h	3190.299	Service set A SMC 108 Mk4 LL & Mk5 Air	16	3,668	7,786	2,595	216	0.35
4			3190.312	Annual service SMC 104-108 Mk4 LL / Mk5	5	450	8,236	2,059	172	0.27
5	3. Service	33,000 h	3190.299	Service set A SMC 108 Mk4 LL & Mk5 Air	16	3,668	11,904	2,381	198	0.32
6	4. Service	44,000 h	3189.938	Service set C SMC 108 Mk4 LL / Mk5 R717 Air TE=All	36	10,161	22,064	3,677	306	0.49
7			3190.312	Annual service SMC 104-108 Mk4 LL / Mk5	5	450	22,514	3,216	268	0.43
8	5. Service	55,000 h	3190.299	Service set A SMC 108 Mk4 LL & Mk5 Air	16	3,668	26,182	3,273	273	0.44
9	6. Service	66,000 h	3190.299	Service set A SMC 108 Mk4 LL & Mk5 Air	16	3,668	29,850	3,317	276	0.44
10			3190.312	Annual service SMC 104-108 Mk4 LL / Mk5	5	450	30,300	3,030	252	0.40

Incl. extended warranty 3 Year / SMC 108L Mk4 LL Air cooled R717 TE -20 TC 30					Master list price [EUR]						
Year	Service	Hour	Item	Description	Estimated hours *	Price **	Total **	Acc.Total Price **	Yearly Average	Monthly Average	Hourly Average
1			1231.2007	Oil Analysis Kit - Enhanced	1	53					
			3190.312	Annual service SMC 104-108 Mk4 LL / Mk5	5	450	503	503	503	42	0.07
2	1. Service	11,000 h	1231.2007	Oil Analysis Kit - Enhanced	1	53					
			3190.299	Service set A SMC 108 Mk4 LL & Mk5 Air	16	3,668	3,721	4,224	2,112	176	0.28
3	2. Service	22,000 h	1231.2007	Oil Analysis Kit - Enhanced	1	53					
			3190.299	Service set A SMC 108 Mk4 LL & Mk5 Air	16	3,668					
			3189.955	Service set A-Supplementary T/SMC/HPC 108 Mk4 LL / Mk5	6	2,366	6,087	10,310	3,437	286	0.46

5

Below the diagram you will find one or two tables with all relevant service sets and how many hours the compressor should run before service is needed.

The blue table:

- Available for both recip and screws with standard warranty.

The green table:

- Available for recip with extended 3-year warranty only.

EasyParts LCC

Tool to calculate service intervals and estimated cost for spare parts

6 How to read the tables of annual & prescribed service

Annual & Prescribed Service / SMC 108L Mk4 LL Air cooled R717 TE -20 TC 30						Master list price [EUR]				
Year	Service	Houer	Item	Description	Estimated Hours *	Price **	Acc.Total Price **	Yearly Average	Monthly Average	Hourly Average
1			3190.312	Annual service SMC 104-108 Mk4 LL / Mk5	5	425	425	425	35	0.06
2	1. Service	11,000 h	3190.299	Service set A SMC 108 Mk4 LL & Mk5 Air	16	3,480	3,905	1,952	163	0.26
3	2. Service	22,000 h	3190.299	Service set A SMC 108 Mk4 LL & Mk5 Air	16	3,480	7,385	2,462	205	0.33
4			3190.312	Annual service SMC 104-108 Mk4 LL / Mk5	5	425	7,809	1,952	163	0.26
5	3. Service	33,000 h	3190.299	Service set A SMC 108 Mk4 LL & Mk5 Air	16	3,480	11,289	2,258	188	0.30
6	4. Service	44,000 h	3189.938	Service set C SMC 108 Mk4 LL / Mk5 R717 Air TE=All	36	9,586	20,875	3,479	290	0.46

Standard Warranty (recips & screws)

Incl. extended warranty 3 Year / SMC 108L Mk4 LL Air cooled R717 TE -20 TC 30						Master list price [EUR]					
Year	Service	Houer	Item	Description	Estimated hours *	Price **	Total **	Acc.Total Price **	Yearly Average	Monthly Average	Hourly Average
1			1231.2007	Oil Analysis Kit - Enhanced	1	53					
			3190.312	Annual service SMC 104-108 Mk4 LL / Mk5	5	425	478	478	478	40	0.06
2	1. Service	11,000 h	1231.2007	Oil Analysis Kit - Enhanced	1	53					
			3190.299	Service set A SMC 108 Mk4 LL & Mk5 Air	16	3,480	3,533	4,010	2,005	167	0.27
3	2. Service	22,000 h	1231.2007	Oil Analysis Kit - Enhanced	1	53					
			3190.299	Service set A SMC 108 Mk4 LL & Mk5 Air	16	3,480					
			3189.955	Service set A-Supplementary T/SMC/HPC 108 Mk4 LL / Mk5	6	2,232	5,765	9,775	3,258	272	0.43
4			3190.312	Annual service SMC 104-108 Mk4 LL / Mk5	5	425	425	10,200	2,550	212	0.34
5	3. Service	33,000 h	3190.299	Service set A SMC 108 Mk4 LL & Mk5 Air	16	3,480	3,480	13,680	2,736	228	0.36
6	4. Service	44,000 h	3189.938	Service set C SMC 108 Mk4 LL / Mk5 R717 Air TE=All	36	9,586	9,586	23,265	3,878	323	0.52
7			3190.312	Annual service SMC 104-108 Mk4 LL / Mk5	5	425					

Extended 3-year Warranty (recips only)

After how many hours service is needed

Needed part numbers and descriptions of service sets/parts.

Estimated hours for the specific service/overhaul job (evacuation and preparation of the compressor is not included).

Price calculations based on list prices. Labor costs and discounts are not included in the price examples.

EasyParts LCC

Tool to calculate service intervals and estimated cost for spare parts

EasyParts LCC-Recip
Life-cycle material costing

Type: SMC
Size: 108
Mk: Mk4 LL
Stroke: L
Cooling: Air
Refrigerant: R717
TE [°C]: -20
TC [°C]: 30
Speed: 1,800
:Hour/Year: 7,500 h

SMC 108L Mk4 LL TE -20 TC 30

SMC 108L Mk4 LL R717 TE -20 TC 30

[MLP]

	1	2	3	4	5	6	7	8	9	10
Price prescribed service only	425	3,480	3,480	425	3,480	9,586	425	3,480	3,480	425
Price incl. 3 years warranty	478	3,533	5,765	425	3,480	9,586	425	3,480	3,480	425
Price prescribed service only Acc.Total	425	3,905	7,385	7,809	11,289	20,875	21,299	24,779	28,259	28,684
Price incl. 3 years warranty Acc. Total	478	4,010	9,775	10,200	13,680	23,265	23,690	27,170	30,650	31,075

Annual & Prescribed Service / SMC 108L Mk4 LL Air cooled R7

Year	Service	Hour	Item	Description
1			3190.312	Annual service SMC 104-108 Mk4 LL / Mk5
2	1. Service	11,000 h	3190.299	Service set A SMC 108 Mk4 LL & Mk5 Air
3	2. Service	22,000 h	3190.299	Service set A SMC 108 Mk4 LL & Mk5 Air
4			3190.312	Annual service SMC 104-108 Mk4 LL / Mk5
5	3. Service	33,000 h	3190.299	Service set A SMC 108 Mk4 LL & Mk5 Air
6	4. Service	44,000 h	3189.938	Service set C SMC 108 Mk4 LL / Mk5 R717 Air TE=
7			3190.312	Annual service SMC 104-108 Mk4 LL / Mk5
8	5. Service	55,000 h	3190.299	Service set A SMC 108 Mk4 LL & Mk5 Air
9	6. Service	66,000 h	3190.299	Service set A SMC 108 Mk4 LL & Mk5 Air

7 Click on the Chart tab to open a graphic comparison (only available for recip.).

Shows the accumulated service price over a decade for a compressor with respectively standard warranty and extended warranty.