

CAPIPARTS

Capital Equipment Parts

NEW GASKET CYL HD GASKET MATERIAL



**WORLDTM
GASKET**

ellegi the **REAL** ones.
the **ONLY** ones.

CEP

Capital Equipment Parts

Your Mining Parts Specialists



Following customer needs and suggestions, we endeavored to enhance our **metal-paper sandwich material**, aiming to improve its reliability and sealing performance.

Sealing performance has been analyzed according to ASTM standards, focusing on two primary factors: **compressibility** and **recovery**.

We conducted tests on the following:

1. **OE Samples**

2. **Our New Material**

3. **Our Standard Material**

4. **Competitor Product**

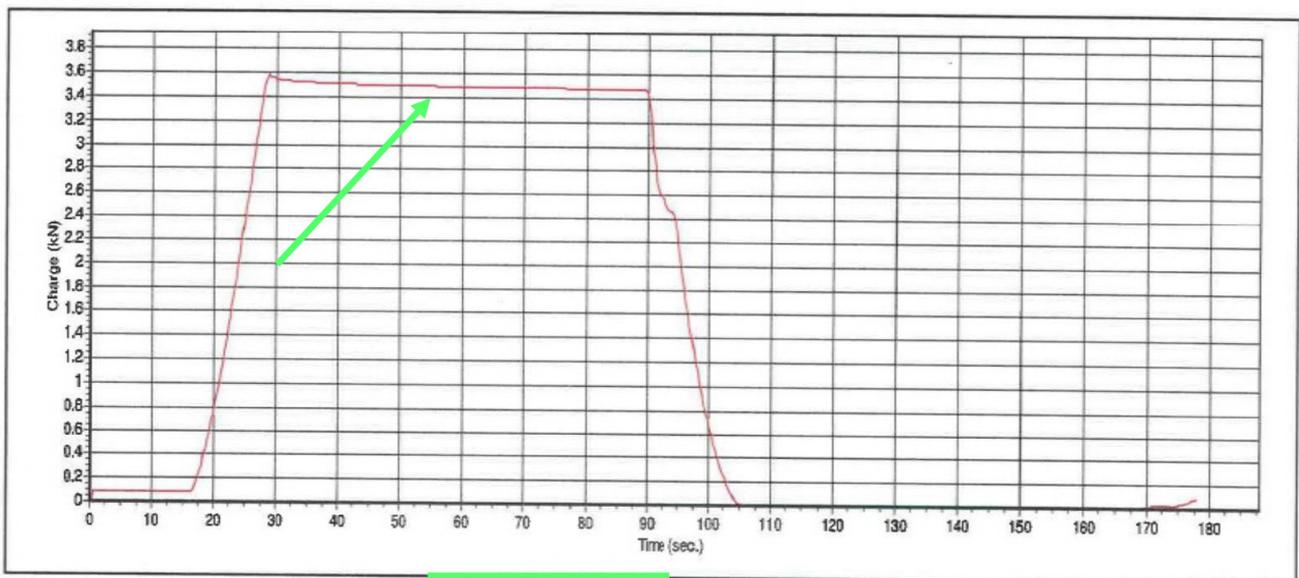
SUMMARY

	OE CAT		Ellegi		Competitor
PN	6I3066	7N8022	6I3066 Sample NEW MATERIAL	6I3066 Sample STND MATERIAL	xxx
Compressibility	16,05%	8,41%	10,97%	16,78%	12,37%
Recovery	89,96%	82,01%	71,30%	58,28%	64,32%

Starting from Ellegi Standard material, we observed significant improvements in compressibility and recovery.

The new material now exhibits properties closer to the extraordinary performance of the Original Equipment and surpasses the competitor product that is highly appreciated in the market.

1. OE SAMPLE: 613066 GASKET



Tickness proof	1.65 mm	Compressibility:	16.05 %
Value S0:	1.63 mm	Recovery:	89.96 %
Value S1:	1.37 mm	Total test time:	178 sec.
Value S2:	1.60 mm		

Note (1): Cylinder head gasket OE CAT test performed on GHD 613066 11apr2024

Note (2):

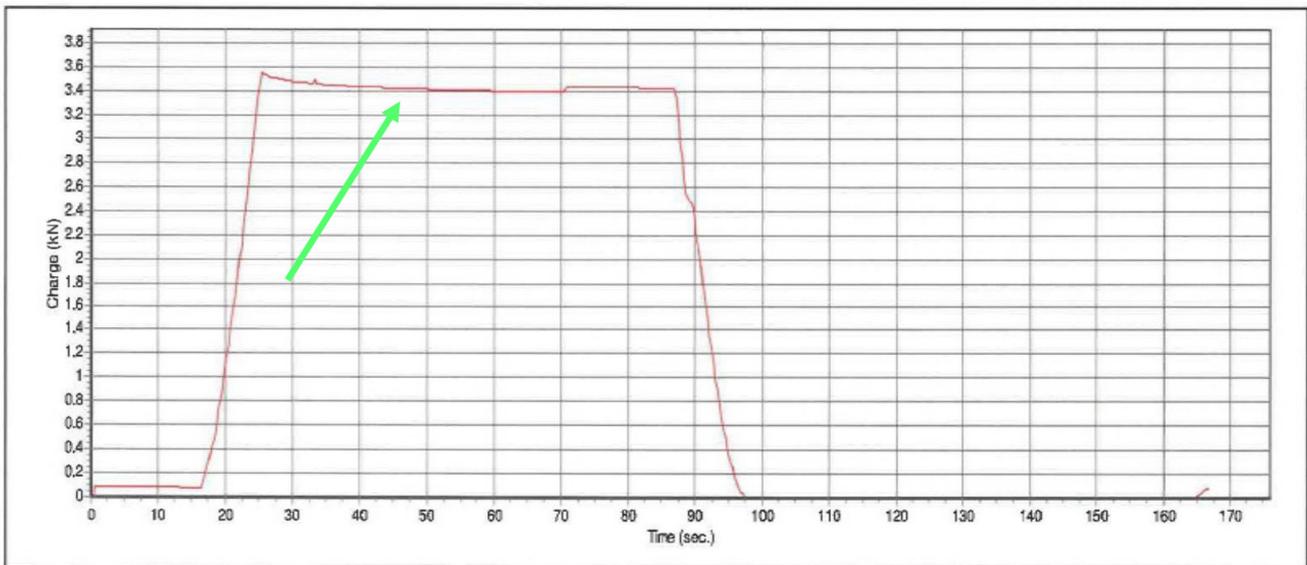
Note (3):

Operator

Controller

File Test: C:\UPC\FileManager\Test_GHD OE CAT 613066 11 apr24_11_4_2024_9_5_25.mdb

1. OE SAMPLE: 7N8022 GASKET



Thickness proof	1.58 mm	Compressibility:	8.41 %
Value S0:	1.56 mm	Recovery:	82.01 %
Value S1:	1.43 mm	Total test time:	166 sec.
Value S2:	1.54 mm		

Note (1): OE CAT 7N8022 17apr2024
 Note (2):
 Note (3):

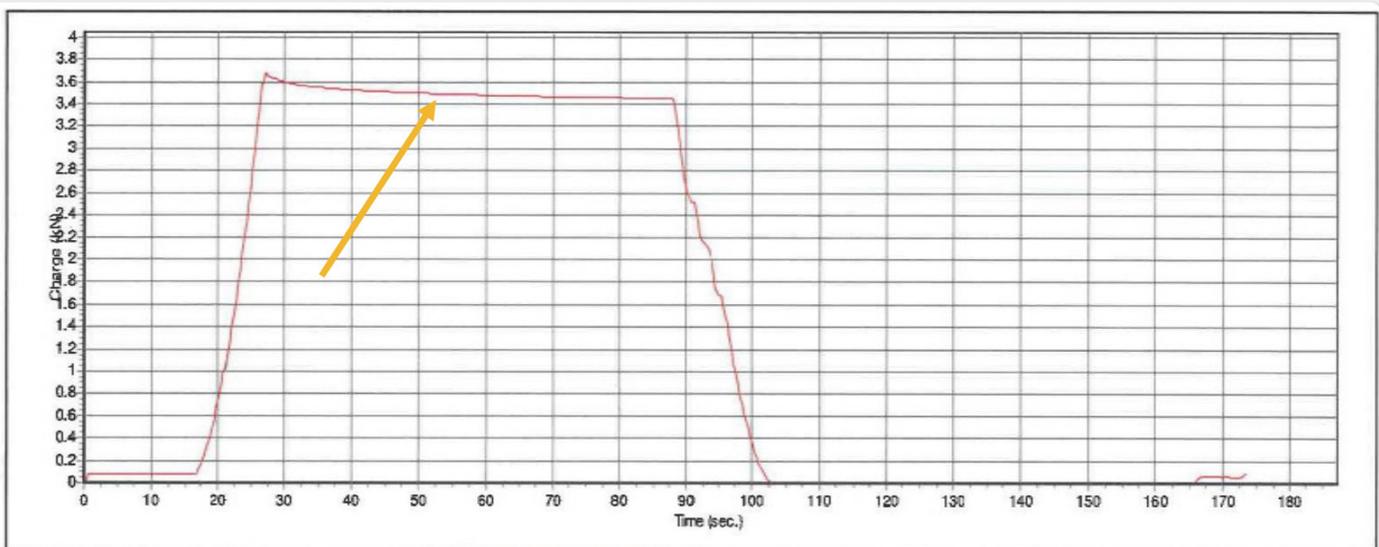
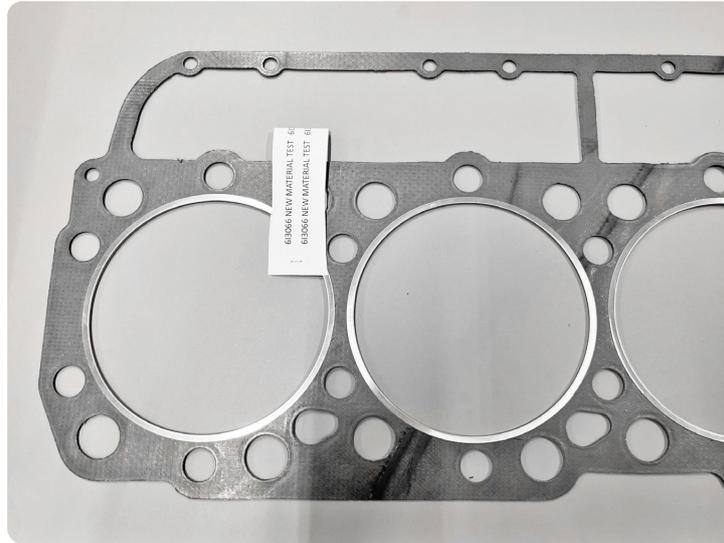
Operator

Controller

File Test: C:\UPC\FileManager\7N8022 OE 17apr2024_17_4_2024_9_4_46.mdb

2. OUR NEW MATERIAL

Tested on a sample from a finished gasket 6I3066 (test batch)



Thickness proof	1.89 mm	Compressibility:	10.97 %
Value S0:	1.79 mm		Recovery:
Value S1:	1.59 mm	Total test time:	173 sec.
Value S2:	1.73 mm		

Note (1): Cylinder head gasket ELLEGI_NEW SW MATERIAL test performed on SAMPLE 11 apr 2024

Note (2):

Note (3):

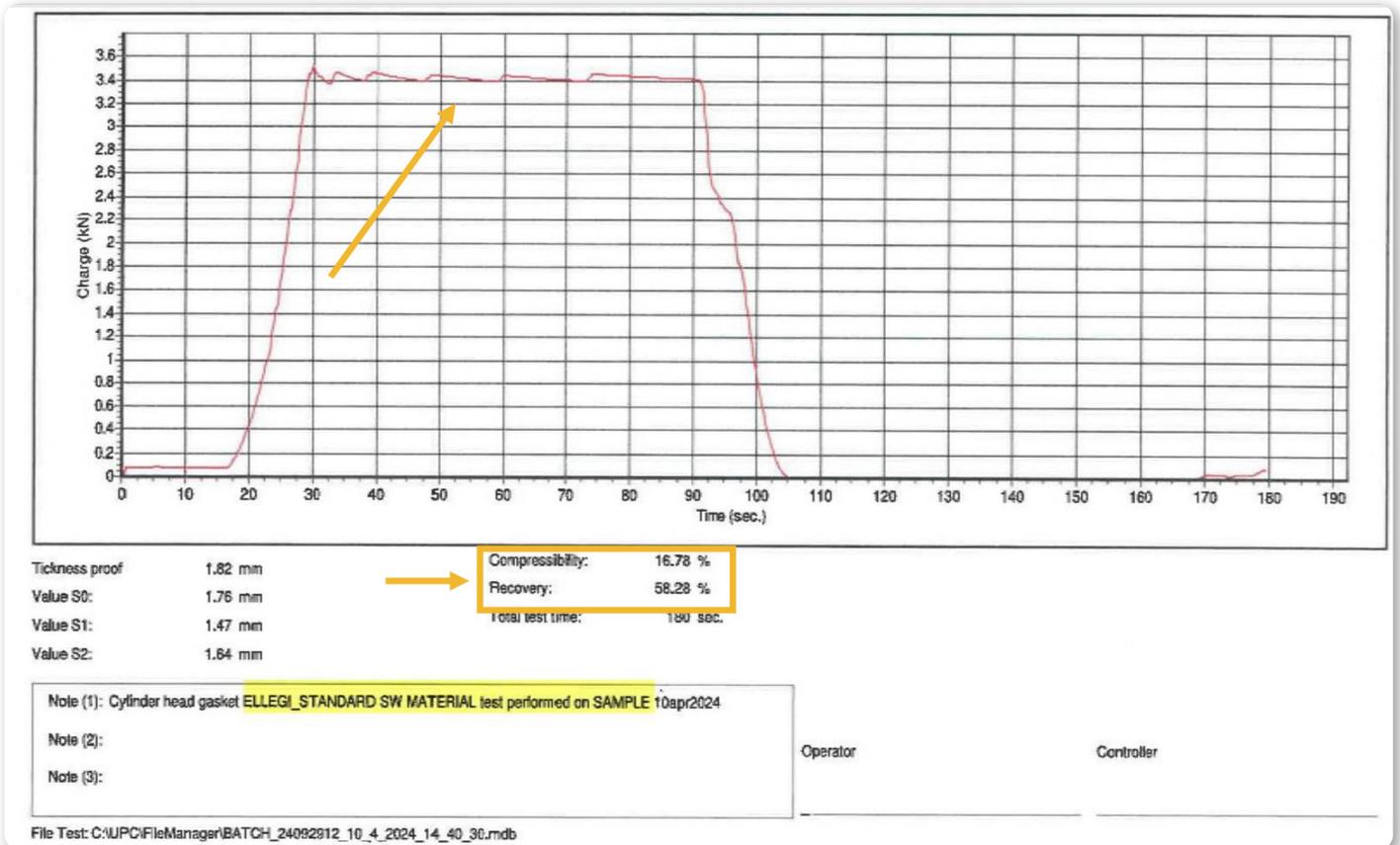
Operator

Controller

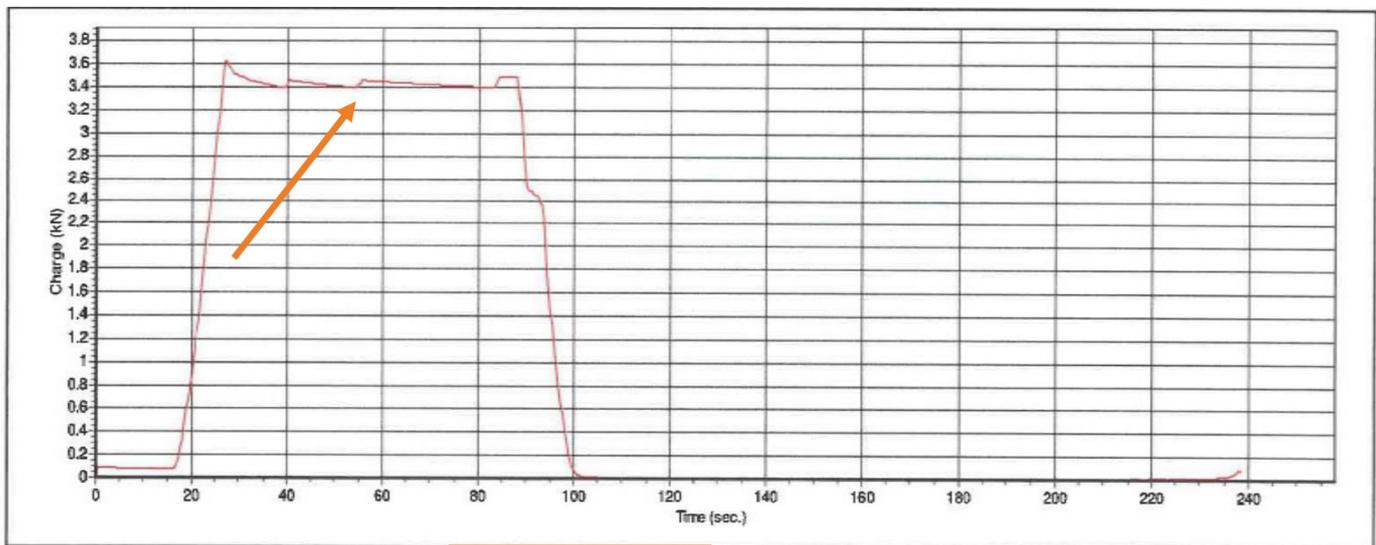
File Test C:\UPC\FileManager\Test GHD NEW Material ELLEGI_11_4_2024_9_48_53.mdb

3. OUR STND MATERIAL

Tested on a sample from a finished gasket 6I3066 (stock)



4. COMPETITOR PRODUCT



Thickness proof 1.99 mm
Value S0: 1.58 mm
Value S1: 1.38 mm
Value S2: 1.51 mm

Compressibility: 12.37 %
Recovery: 64.32 %
Total test time: 238 sec.

Note (1): Cylinder head gasket FP DIESEL rigid test performed on GHD 1118015 11apr2024

Note (2):

Note (3):

Operator

Controller

File Test: C:\UPC\FileManager\Test_GHD FP Diesel 11apr24_11_4_2024_8_57_52.mdb



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