

# FLEXOVIT USA, Inc.

## PRODUCTIVITY and COST EVALUATION. (P.A.C.E.)

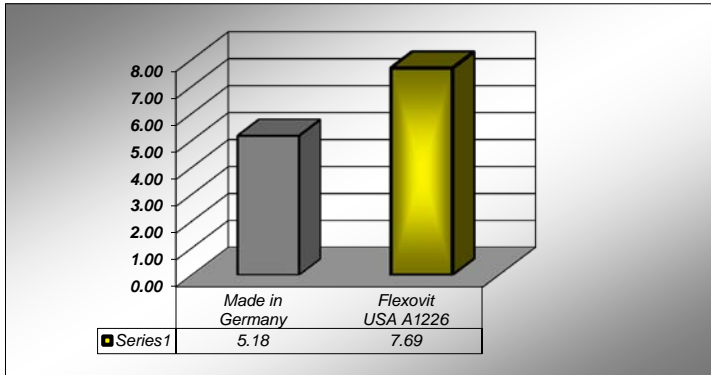
Wheel Size	Tool	Wheel Type	Type of Test	Operator	Location	Date	Weather	Amps
4-1/2x1/4x7/8	DeWalt	Type 27	Edge Test	J. Natal	Angola	02/28/18	in shop	10

Wheel	G-Ratio	Grinding Efficiency	Time Minutes	Wheel loss Grams	Material loss Grams	Wheel Wear Grams/Minute	Price \$\$\$
Made in Germany	5.18	31.07	15	90	466	6.0	\$3.81
Flexovit USA A1226	7.69	29.73	15	58	446	3.9	\$3.26

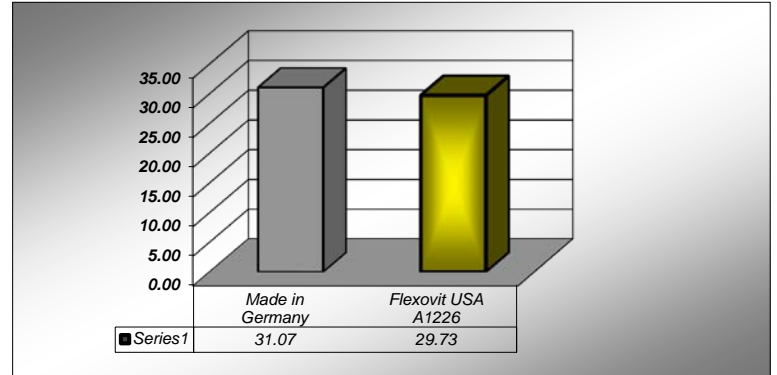
This test data was compiled under a given set of conditions. Performance in the field may vary due to variation in the way the wheels are being used.

Wheel	W.W. Beginning	W.W. Ending	Material Beginning	Material Ending	Material =
Made in Germany	186	96	1492	1026	1018 Carbon Steel, 1/4"x4"x12"
Flexovit USA A1226	163	105	1524	1078	

Graph is representative of G- Ratio



Graph is representative of Grinding Efficiency



**G - Ratio** = Ratio of wheel loss to material removed = **Wheel Life**  
**Grinding Efficiency** = Amount of material removed per minute = **Grinding Speed**



# FLEXOVIT



## Wheel Consumption

**G - Ratio** is a ratio that measures how much work a grinding wheel will do in a particular application. It is calculated by grams of material removed per gram of wheel used. The higher the number, the more work a wheel will do.

**A. How many competitor wheels will it take to equal the life of one Flexovit wheel?**

According to the G-Ratios that were established as a result of this grinding comparison it will take  competitor wheels to do the work of one Flexovit wheel.

**B. Give me an example of the usage ratio versus the competitive product.**

If it will take  competitor wheels to complete a job, according to this data, it will take  Flexovit wheels to complete the same job.

**C. What about the money?**

By factoring in the price we can calculate your savings by using Flexovit for the entire job.

<input type="text" value="100"/>	Made in Germany	<input type="text" value="\$3.81"/>	=	<input type="text" value="\$381.00"/>
<input type="text" value="67"/>	Flexovit USA A1226	<input type="text" value="\$3.26"/>	=	<input type="text" value="\$219.51"/>
<b>SAVINGS IN WHEEL COST:</b>			=	<input type="text" value="\$161.49"/> <input type="text" value="42.4%"/>

**D. Using the entire wheel, how much work can each wheel actually do, using safety guards?**

Made in Germany	<input type="text" value="1.21"/>	lbs. of material or	<input type="text" value="549"/>	grams.
Flexovit USA A1226	<input type="text" value="1.58"/>	lbs. of material or	<input type="text" value="714"/>	grams.
To remove	<input type="text" value="10"/>	lbs. or	<input type="text" value="4,536"/>	grams of material .
You need	<input type="text" value="8"/>	Made in Germany	<input type="text" value="6"/>	Flexovit USA A1226

**Grinding Efficiency** is a ratio indicating rate of material removal. Calculated as grams of material removed per minute. The higher the number, the faster the grinding action.

**E. How long will it take each wheel to complete a job?**

Consider the job is to remove  lbs. of material.

Made in Germany	will need	<input type="text" value="2.4"/>	hours to complete the job.
Flexovit USA A1226	will need	<input type="text" value="2.5"/>	hours to complete the job.