

WE USE STATE OF THE ART ENERGY MEASURING TECHNOLOGY

Summit Technology - Makers of PowerSight, PowerSight 3000

<http://www.summittechnology.com/>



Summit Technology
"Makers of PowerSight"

PowerSight

Summit Technology, makers of PowerSight, the tool of first resort for Energy Analysis.

Software

PowerSight provides unique capabilities for demand analysis, harmonic analysis, power quality analysis and datalogging. PowerSight is the smallest, most cost effective instrument for the measurement and analysis of electric power.

Ordering Info

Support

Feedback



[Summit expands industry's most popular handheld Power Quality Analyzer with cost-reducing packaging. \(PK314M\)](#)



[Summit introduces the Extended Log Capacity Upgrade \(MEM\).](#)



[Fairmont Press is offering a 15% Book Discount to Summit Technology's Customers](#)

PowerSight helps you answer these questions:

- How much energy does the equipment consume?
- What is my energy consumption costing?
- What is the quality of my power consumption?

With the following features:

- 12 voltage measurements,
- 16 current measurements
- True RMS and VA power
- Monitor demand, harmonics, or disturbances
- Serial communications port to upload waveforms, data log and remote control
- PC Analysis software to help catalog, and generate reports



Press Releases

400 HP GARDNER DENVER 5.2% = \$5742 SAVED PER YEAR \$14 PER HP



Value Added SAVINGS!!!

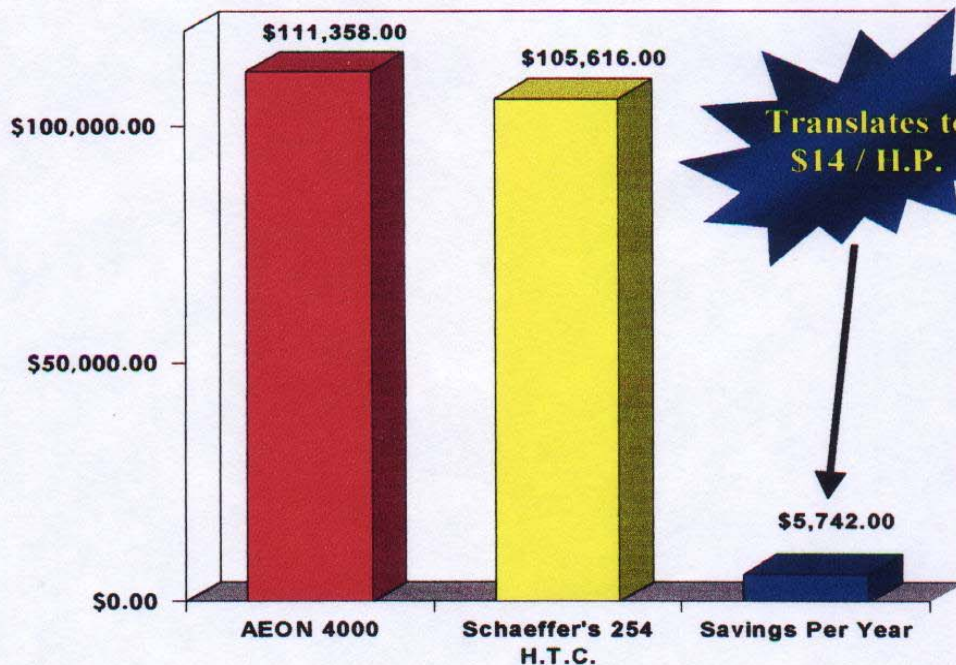
PURPOSE OF TEST: TO SHOW ENERGY SAVINGS THROUGH THE USE OF SUPERIOR QUALITY LUBRICATION.

EQUIPMENT TESTED: 400 H.P. Gardner Denver Air Compressor

DATE OF INITIAL TESTING: August 19th, 1999
LUBRICANT: Gardener Denver AEON 40000

DATE OF FINAL TESTING: November 3rd, 1999
LUBRICANT: Schaeffer's 254 HTC

Annual Savings With Schaeffer Lubricants 5.2%



Schaeffer Lubricants have also been proven to provide:

- Reduced Wear
- Reduced Friction
- Longer Equipment Life
- Reduced Maintenance Cost

500 HP ELLIOT COMPRESSOR 9.7% SAVINGS

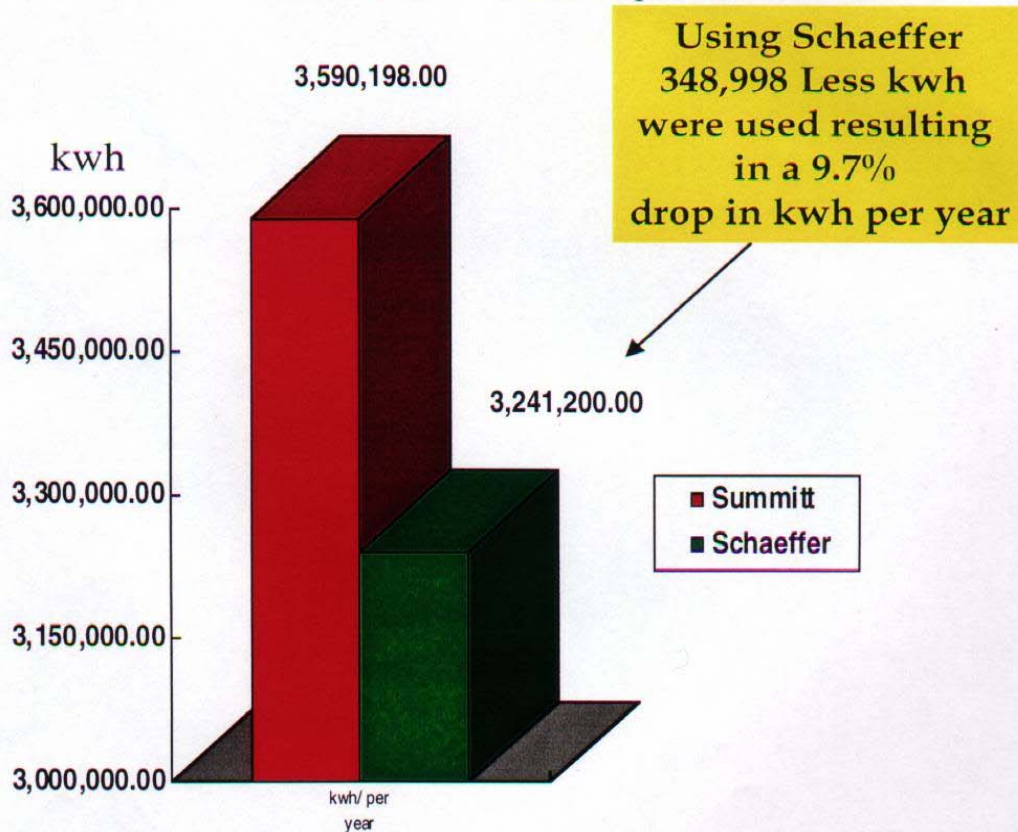
Prepared for



Ball-Foster

The reported test results were determined using a **Power Sight 2000** Powermeter connected in line with each phase of the equipment for a period of 15 minutes.

Elliott 500 HP 6H Compressor



1250 CFM JOY COMPRESSOR 5.5% REDUCTION

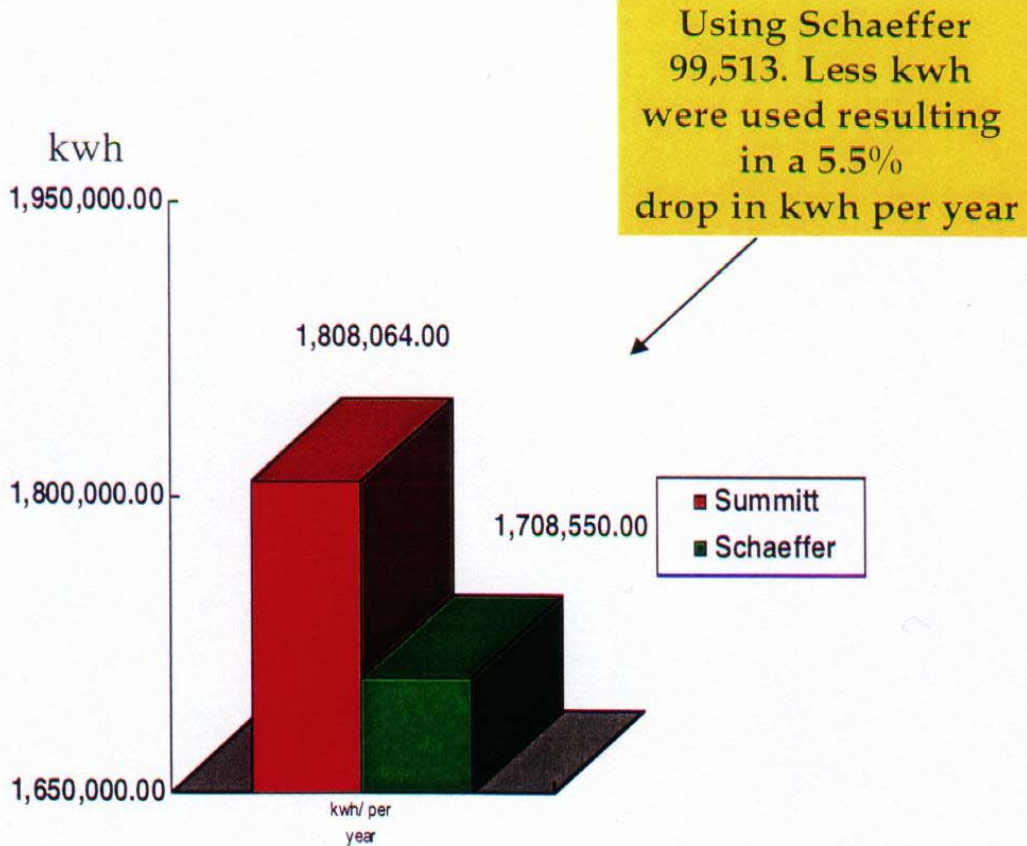
Prepared for



**Willamette
Industries, Inc.**

The reported test results were determined using a **Power Sight 2000** Powermeter connected in line with each phase of the equipment for a period of 15 minutes.

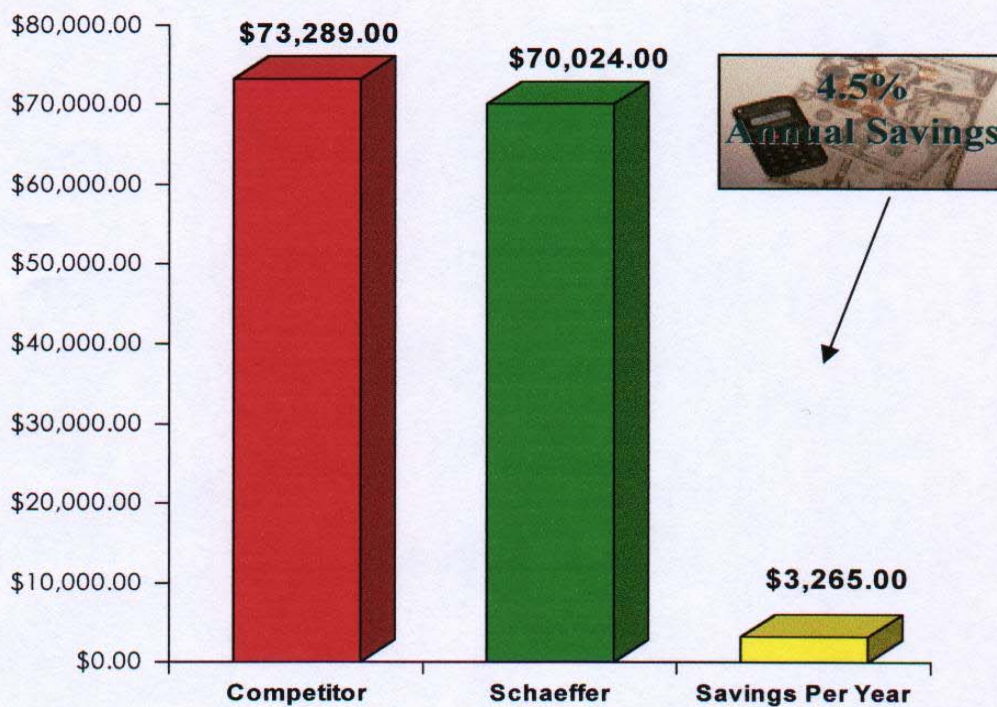
Joy 1250 CFM Compressor



400 HP CALIFORNIA PELLET MILL 4.5% = \$3265 PER YEAR \$8.16 PER HP PER YEAR

Prepared for
JENNIE-O TURKEY STORE
Barron, Wisconsin
400 HP California
Pellet Mill

Total Annual Electrical Costs



In Addition: Schaeffer Lubricants have been proven to provide

- Reduced Wear
- Reduced Friction
- Longer Equipment Life
- Reduced Maintenance Cost
- Reduced Leakage

200 HP LIGHTNIN MIXER ANNUAL SAVINGS \$2700 \$13.50 PER HP



TECHNICAL DATA

102 Barton Street, St. Louis, Missouri 63104 In-State (314) 865-4100/Out of State 800-325-9962/Fax (314) 865-4107

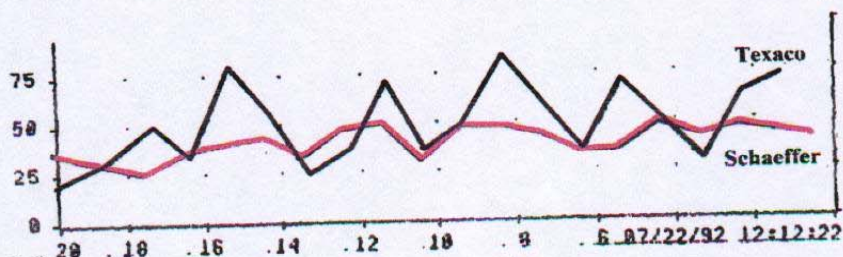
ENERGY USE COMPARISON

MACHINE: 200 HP 2 SPD LIGHTNIN' MIXER

PLANT: SPECIALTY MINERALS

LOCATION: INTERNATIONAL FALLS, MN

GRAPH OF ENERGY USE AT LOW SPEED



RESULTS

LOW SPEED AVERAGE KWH USE

TEXACO 53 KWH

SCHAEFFER 47 KWH

HIGH SPEED AVERAGE KWH USE

TEXACO 147 KWH

SCHAEFFER 137 KWH

ANNUAL ENERGY SAVINGS: \$ 2700

ANNUAL SAVINGS PER HP \$13.50

FRICK REFRIGERATION COMPRESSOR 5.5% \$1551 SAVINGS PER YEAR



Frick Compressor

PURPOSE OF TEST:

TO SHOW ENERGY SAVINGS THROUGH THE USE OF SUPERIOR QUALITY LUBRICATION.

EQUIPMENT TESTED: #11 Frick Refrigeration Compressor Berryville Plant

DATE OF INITIAL TESTING: March 27th, 1998
LUBRICANT: Sunoco 300

DATE OF FINAL TESTING: February 1st, 1999
LUBRICANT: Schaeffer's Moly Pure Syn. Compressor Oil



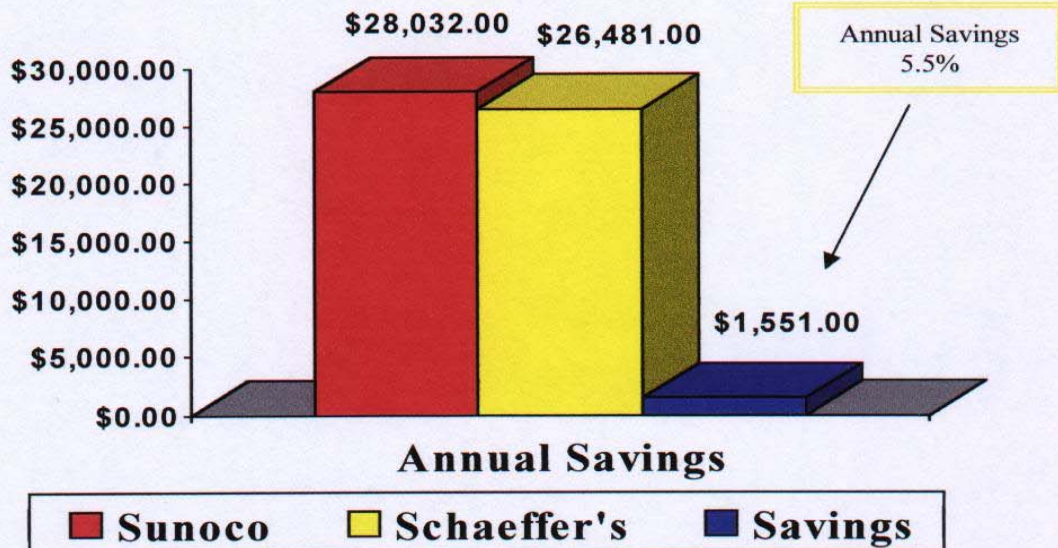
RESULTS:

KILOWATT HOURS/ 15 MIN
KILOWATT HOURS/DAY
COST PER DAY @ \$.05/KWH
ANNUAL COST

Competitor	SCHAEFFER'S
16 kwh	15.08 kwh
1536 kwh	1451 kwh
\$76.80	\$72.55
\$28,032	\$26,481

ANNUAL SAVINGS

\$1551.00



220 TON CINCINNATI MILICRON INJECTION MOLDING PRESS 8%



Unit Name

PURPOSE OF TEST: TO SHOW ENERGY SAVINGS THROUGH THE USE OF SUPERIOR QUALITY LUBRICATION.

EQUIPMENT TESTED: 220Ton Cincinnati Milicron 40 HP.

DATE OF INITIAL TESTING: April 6, 2001
LUBRICANT: Mobil DTE 26

DATE OF FINAL TESTING: July 23, 2001
LUBRICANT: Schaeffer 112HTC 68

RESULTS: Total energy consumed on before & after tests was almost identical but upon looking at the graphs we found 55 operations on the initial test & 60 on the after test. The result is an 8% overall savings. Also brought to our attention was one leak on the press that had virtually quit leaking. This leaking was minimal but documents another way we can save Wadal Plastics time and money. A 3% Current & 7% Voltage Harmonic Distortion savings was also realized. Keep in mind that (5% reduction doubles a motors life).

	Competitor	SCHAEFFER'S
AMBIENT TEMPERATURE	80 deg	80 deg
# OF OPERATION	55	60
KILOWATT HOURS/ 15 MIN	3.755 kwh	3.772 kwh
KILOWATT HOURS/OPERATION	.0683 kwh	.0629 kwh
# OF OPER/DAY AT 60/15 MIN	5760	5760
5,760 OPER COST PER DAY @ \$.04/KWH	\$15.74	\$14.49/(\$1.25)
ANNUAL COST	\$5,745.1	\$5288.85(\$456.25)

