

Customer Testimonial



Quinplex[®] Synthetic Food Grade Oil (4046)

Interstate Brands Corporation – Ogden, Utah

Spring Hanger



- **Reduced operating temperatures**
- **Extended oil drain intervals**

Customer Profile

Interstate Brands Corporation (IBC) is the largest publicly held baker and distributor in the United States. Brands include Wonder, Hostess, Dolly Madison and Merita.

Application

IBC Ogden uses two Quincy QSI 350 compressors and one Quincy 245 compressor to provide compressed air for their operations.

Challenge

The IBC Ogden, Utah plant was using a commercial food grade compressor oil that was furnished to them by their supplier of air compressors and parts. The commercial food grade oil had to be changed every three to four months and once a year a cleaner had to be run through the compressors to remove deposits left by the oil. There was also an overheating problem causing unscheduled and costly shutdowns.

Solution

Early in 2002, a suggestion was made to try Quinplex[®] Synthetic Food Grade Oil (4046). The people at IBC Ogden were somewhat skeptical at first. Testimonials, technical data information and pricing were furnished to IBC for review.

Results

In June of 2002, a drum of Quinplex 4046 was purchased and put into the #1 Quincy 350 compressor. The other Quincy 350 and the Quincy 245 machines were changed out in August of 2002. The results were immediate. A substantial temperature drop was noticed and the sound of the machines was much quieter. These two results alone were important to the people at IBC Ogden.

There were several factors that convinced IBC Ogden to purchase Quinplex 4046.

1. **Price** – 4046 was \$168.00 a drum cheaper than the current oil they were using.
2. **Extended drain times** – as of the writing of this document, compressors #1 and #3 have been using Quinplex 4046 for over 6,300 hours and it has been 14 months since the oil has been drained. The oil time on compressor #2 has been over 4,600 hours and 12 months since the change over to Quinplex 4046. LEAP Oil Analysis was used to confirm the condition of the oil for drain extension.
3. **Normal Drains** – previously were three to four months.
4. **Downtime** – no downtime, other than routine filter changes, has occurred since changing to Quinplex 4046.
5. **Other factors** – IBC was shown that a cleaner is not needed when using Quinplex 4046, thus saving IBC an additional \$1,800 annually. Also, heat related shut down issues, mainly during summer months, were eliminated.

Product	Quinplex 4046	Commercial FG Oil
Oil	\$1,522.95	\$6,763.80
Cleaner	0	\$1,800.00
Filters	\$480.00	\$480.00
Oil testing	\$109.50	0
Labor	\$160.00	\$840.00
Totals	\$2,272.45	\$9,883.80

LE's savings just on basic oil changes were \$7,611.35. Any energy savings and downtime savings were added bonuses (machine running cooler and no shut downs due to overheating).

IBC Ogden just recently purchased its second drum of Quinplex 4046, and is changing oil in the compressors even though oil analysis still shows it is not needed.

IBC Ogden is very happy with results and cost savings they have experienced.





INTERSTATE BRANDS
CORP
GREG HOEHN

UNIT ID:

#3 QUINCY AIR COMPRESSOR 245

SECOND ID

UNIT TYPE

AIR COMPRESSOR

2557 GRANT AVENUE
OGDEN, UT 84401

APPLICATION

PLANT/INDUSTRIAL

MFR QUINCY

LUBRICATION ENGINEERS

MODEL

QSI 245 WNW 31C

LUBE/FLUID MFR

LUBE TYPE

4046
QUINPLEX
Syn FG Oil

SUMP
CAPACITY

00010

LUBE
TIME

6464

DATE
SAMPLED

07/11/2003

SEVERITY:0

GRADE

ISO 46

HYD SYS
PRESS

00000

UNIT
TIME

42765

DATE
RECEIVED

07/18/2003

ACCOUNT
59300002830002

FILTER TYPE

FULLFLOW
& BYPASS

MICRON
RATING

010

LUBE
ADD

DATE
PRINTED

LAB #

148489

COMMENT

Data indicates no abnormal findings. Resample at normal interval.

WEAR METALS											CONTAMINANT METALS			MULTI-SOURCE METALS					ADDITIVE METALS				
Fe	Cr	Ni	Al	Cu	Pb	Sn	Cd	Ag	Tl	V	Si	Na	K	Mo	Sb	Mn	Li	B	Mg	Ca	Ba	P	Zn
0	0	0	8	0	0	1	0	0	0	0	2	0	0	0	0	0	0	1	0	0	0	156	6
0	0	0	0	0	0	0	0	0	0	0	5	0	0	0	2	0	0	0	0	0	0	150	0

TEST DATA		LC	F	S	W	V	V	T	T	I-R	I-R	L	4	6	10	14	21	38	70	100
SAMPLE RECEIVED	LUBE UNIT	U	U	O	A	I	I	A	B	O	N	S	M	M	M	M	M	M	M	M
		B	E	T	T	S	S	N	N	X	I	O	I	I	I	I	I	I	I	I
		E	N		E	40C	100C	Total	Total	D	T	D	C	C	C	C	C	C	C	C
		G			R	CS	CS	Acid#	Base#	A	A	E	R	R	R	R	R	R	R	R
02/18/2003	3318	D	Vol.	Vol.	Vol.															
02/25/2003	39819	N				<1	49.7	0.08												
07/11/2003	6464																			
07/18/2003	42765	N				<1	49.5	0.29												

Thank you to IBC Ogden, and to Mike Hansen, LE lubrication consultant (pictured), for providing the information used in this report.



Quinplex® is a registered trademark of Lubrication Engineers, Inc.

Based on actual user experience. Individual results may vary. Not intended to supersede manufacturer specifications.

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300 Bailey Avenue • Fort Worth, TX 76107 • Fax: 800-228-1142
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www.LElubricants.com
800-537-7683