



***Greenwave
Presents Space Age Lubricants***



***for Air Conditioning and
Refrigeration Equipments for the
FIRST TIME IN INDIA.***





Greenwave



**Frigi-Tech American
Technology is used worldwide**

**Frigi-Tech has been a pioneer in the art of
manufacturing Space Age Lubricants in
USA since last 30 years.**

Available in India since last 6 Years.





Greenwave



We Believe

***FUTURE
IS THE RESULTS OF
THE DECISION
WE TAKE TODAY.***





Greenwave



All over the globe - maximum energy is consumed by cooling equipments - which is estimated above 50% of consumption.

Greenwave focus is directly on this segment.

By treating these cooling equipments with Frigi-Tech Space Age Lubrication Enhancement refrigerant Oil Additive - we contribute our part in reducing Global warming by improve cooling efficiency of these equipments.





Greenwave



**As per the report of
ASHRAE
(American Society of Heating
Refrigerating and Air conditioning
Engineers)**

All Cooling Equipments lose efficiency year on year basis starting with 7% in the 1st year to 5% in the 2nd year and up to 30% in 5 years.

This happens because of a symptom called OIL FOULING occurring in the heat exchanger pipes – this is like Cholesterol in Human Arteries.

Which effects cooling efficiency





Greenwave

WHAT IS OIL FOULING ?



In all cooling equipments Oil from the compressor also circulates with the refrigerant and some oil remains in the heat exchangers , this oil forms a layer on the inside wall of the copper pipes of the heat exchanger.

This layer of oil – called Oil Fouling acts as insulation and effects heat transfer and hence the cooling equipment efficiency is effected.

This happens in all types of cooling equipment and so far there was no way to stop it.

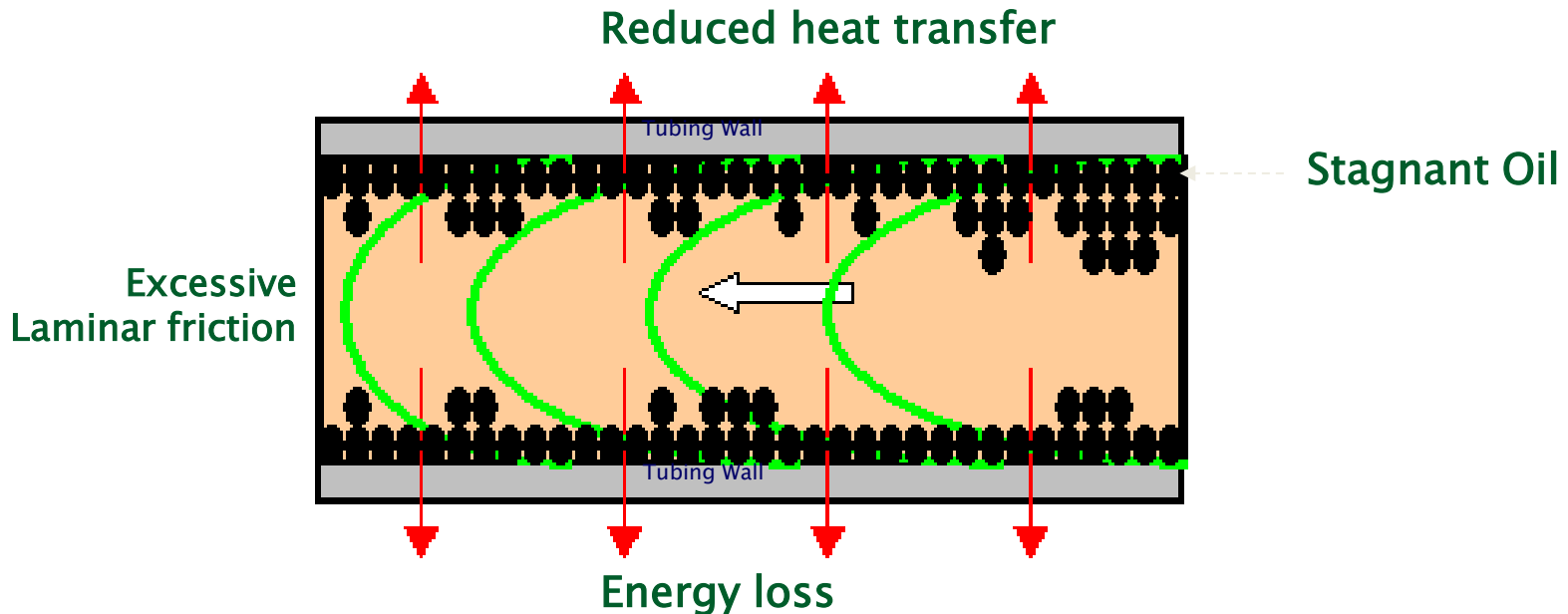
Greenwave FRIGI-TECH addresses this problem permanently and further lubricates the internal parts of the compressor to achieve superb results.





Greenwave

Before Frigi-Tech



Stagnant Oil

This barrier reduces the heat transfer inside the refrigerant circuit and increases the energy consumption (kWh).





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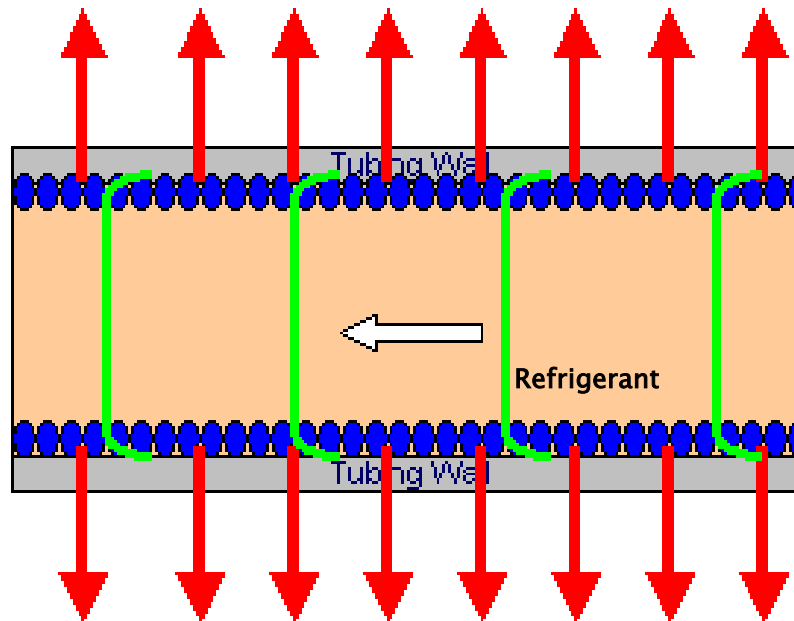
After Frigi-Tech



Accelerated Thermo Conductivity.

Stagnant Oil cleared

Efficient
turbulent flow



Frigi-Tech Thermo-
conductive molecules

Faster Heat Dispersal

Oil barrier is completely and permanently removed





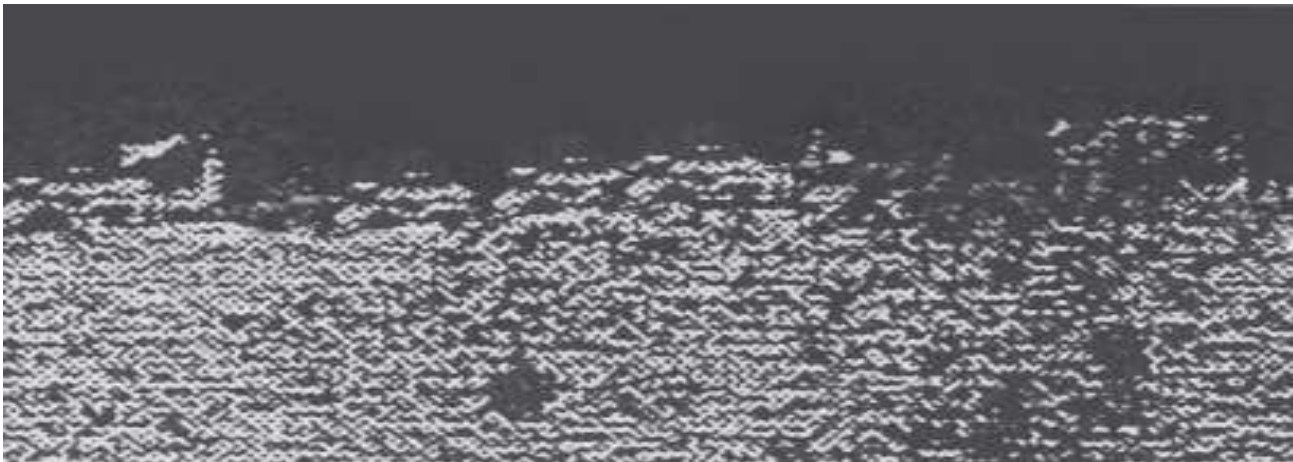
Greenwave



Further Lubrication Benefits:

- **Improves heat transfer and reduces internal friction**
- **Protects internal components extending equipment life**
- **Provides oxidation and corrosion protection**
- **Provides stabilized boundary lubrication**

**Photomicrograph of Bearing Damage (1000 x)
BEFORE FRIGI-TECH application.**





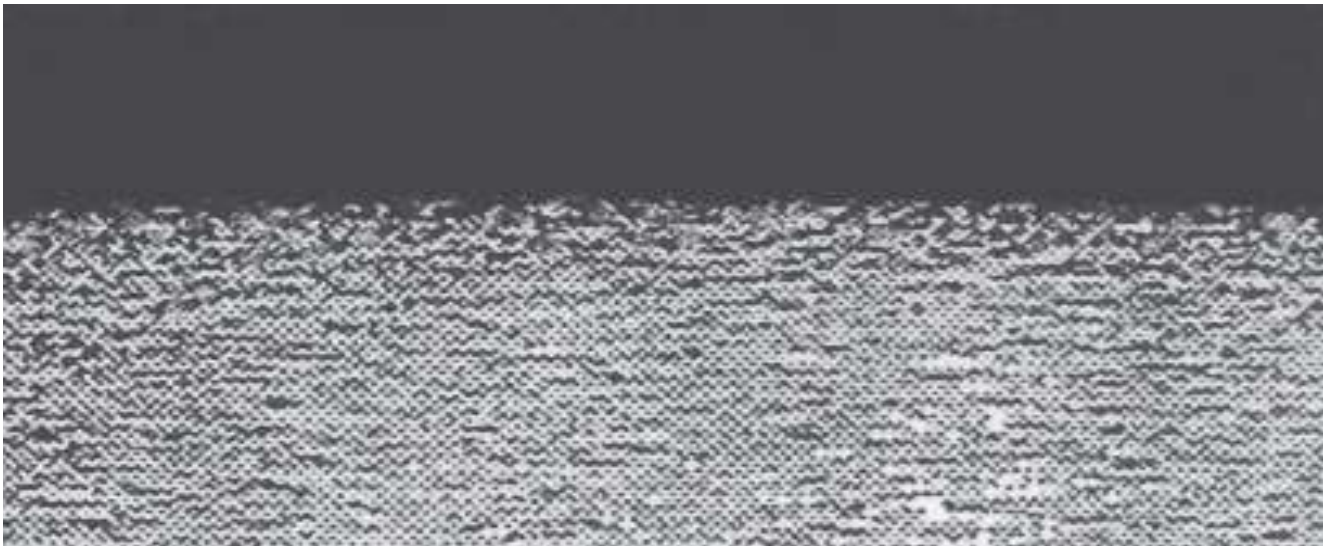
Greenwave



Further Lubrication Benefits:

After FRIGI-TECH Treatment the internal bearing surface gets smoother.

As seen under Photomicrograph of Bearing Damage (1000 x)





Greenwave



Frigi-Tech Space Age Lubricants uses four types of additives to improve a compressor's mechanical efficiency. It reduced wear & tear within the system which extends equipment life & reduces overall maintenance costs.

- 1. Anti-wear additives**
- 2. Oxidation inhibitors**
- 3. Corrosion inhibitors**
- 4. Conditioners**





Greenwave

All types of Chiller Application

Frigi-Tech can be used in most air-conditioning and refrigeration systems with the exception of absorption chillers.



Screw Compressor



Reciprocating Compressor



Centrifugal Compressor



Scroll Compressor

And many other refrigeration systems...
FRIGI-TECH works very well in Ammonia system.





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Applications

- **Chillers**
- **Ducted Units**
- **Package Units**
- **Refrigerated Transport**
- **Wall /Window Units**
- **Split Units**
- **Automobiles**
- **Ice Machines**
- **Cold Storages**
- **Freezers**
- **Cold Rooms**
- **Railway AC Coaches**



OUR CLIENTS IN INDIA



 **Transpek-Silox industries limited**

 **NOVARTIS**



Zy+us
dedicated to *life*


Pidilite
Building bonds



sterling
Hospitals
Because life matters

THE **GATEWAY** HOTEL



सत्यमेव जयते
गुजरात सरकार





Greenwave



Benefits

- Improve Compressor Performance.**
- Reduce HVAC run time.**
- Reduce Greenhouse gas emission.**
- Increase the life of your equipment.**
- Improves Lubrication by 1500 % Reduce maintenance cost.**
- Reduce the power consumption by 5-20%.**





Greenwave



OUR MONEYBACK GUARANTEE

We Guarantee

minimum

5% kw/tr savings





Greenwave



**Treat it once with
Frigi-Tech and
forget it**

**It's One-time treatment
that lasts the life
Of the system**



Aditya birla Minacs 15% savings



Date : 12th February, 2013

To Whom It May Concern

This is to inform that Siddhartha Enterprise has conducted application of Frigi-Tech in one of our 11 TR AHU at our office on trial basis.

We got above 15% power savings and cooling improvement 29%.

We observed that after application of Frigi-Tech in our AHU the performance has improved and cooling efficiency increased. We are satisfied with this innovative and effective product for Air Conditioners.

Thanking you
For Aditya Birla Minacs


Authorized Signatory

ADITYA BIRLA MINACS WORLDWIDE LIMITED
Address: Building II, 1st Floor, Alambic R&D Campus,
Opp Alambic Vidyalaya, Vasundhara 560005
Registered Office:
5th Floor, Kilturumam Towers, 11th Block,
Brancheffolds, Bangalore 560 037, India

Telephone: 91-255-6198100

Telephone: 91-80-41095000
Fax: 91-80-41176638

Website: www.minacs.adityabirla.com
Email: info@minacs.adityabirla.com

Zydus cadila 29 % savings

Zydus
dedicated
to *life*

Cadila
Healthcare Limited

December 2, 2014


TO WHOM IT MAY CONCERN

This is to inform that Shivani Traders V. V. Nagar authorized distributor of Frigi-Tech has conducted application of Frigi-Tech in one of our 20 Tr. Voltas make Brine Chiller at our plant.

We got above 29% KW/Tr. Power saving and cooling efficiency improvement 32%.

We observed that after application of Frigi-Tech in our 20 Tr. Voltas Brine chiller the performance has improved & cooling efficiency has increased. We are satisfied with the innovative and effective product for chillers & air conditioners.

Thanking you,


Authorized Signature

VMSS 11.11 % SAVINGS



Vadodara Mahanagar Seva Sadan

Khanderao Market Bldg., Vadodara-390 209

Phone Office: 2433388, 2433116

Fax No. 0265-2433060

Mechanical Dept.,

Dt. 18-3-13


ECM No. 1136/12-13

TO WHOMSOEVER IT MAY CONCERN

We have pleasure in Certifying that M/s. SIDDHARTH ENTERPRISE has conducted application of "FRIGITECH" in Air Conditioner at VMSS.

We got 11.11% power saving and cooling improvement 57%.

We observed that after application of "FRIGITECH" in our Air-conditioners the performance has improved and cooling efficiency increased. We are satisfied with this innovative and effective product for Air-Conditioners.


Executive Engineer (Mech.)
Mahanagar Seva Sadn,
Vadodara.

Sintex ind. 22 % savings

Sintex Industries Ltd. Plast. Division, Plot No. 5, Phase - III, Sector - 10, Gurgaon, Haryana - 122002
Phone: +91-2726-20900, Fax: +91-2726-20900, E-Mail: sales@sinindia.com
WWW.SINTEXINDIA.COM

Sintex

Date: 1st April 2013

TO WHOMSOEVER IT MAY CONCERN

We had contracted M/s. **SIDDHARTH ENTERPRISE** for application of **FRIGITECH** for our Air-conditioners & chillers at our Plastics Division almost one year before. We observed that after application of **FRIGITECH** in our Air-conditioners the performance has improved and cooling efficiency increased. It has resulted in good deal of power saving too. We are satisfied with this innovative and effective product.

We have found M/s Siddhartha Enterprise to be good and sincere in their work and commitment and have no hesitation to continue the contract.

For Sintex Industries Ltd,
Plastics Division,



A N Vyas
GM -D

Farmson 14 % savings



farmson
Analgesics

(Unit of Farmson Pharmaceutical Gujarat Pvt. Ltd.)

R.O. : 28-35, GIDC Industrial Estate, NANDESARI-391 340, Dist: Vadodara, Gujarat, INDIA.

Tel. : +91-265-2640376, 2640612, 3062613, 3063614 Fax : +91-265-2641377 e-mail : sales@farmson.com



6th January, 2011

TO WHOMSOEVER IT MAY CONCERN

We have pleasure in certifying that Greenwave products pvt. Ltd. have conducted application of PERMAFROST(frigitech blend) in splits and package air conditioners.

We got 10 to 15% savings in power consumption, apart from enhanced cooling efficiency and co-efficient of performance for various machines depending on the type and age of AC unit.

We are happy with the performance of the product after 6 months from the date of application and recommend other companies to use this product for better performance of their air conditioners.

For Farmson Analgesics



E.D.I. 15 % savings



ENTREPRENEURSHIP DEVELOPMENT INSTITUTE OF INDIA

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Gujarat, India)
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E-mail : ecindiaed1@sancharnet.in

Telefax : (079) 23969164
Website : <http://www.ediindia.org>

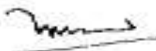
Date: 13.03.2013

TO WHOM SO EVER IT MAY CONCERN

We wish to put on record our experience with M/s Greenwave Products Pvt Ltd and their product Frigi-Tech through their Distributer M/s Shivani Traders, from Vallabh Vidyanagar. We have used Frigi-Tech in our existing 2 TR Split Air conditioners (2 nos.) at Computer lab. The results have shown us more than 15% savings in energy consumption, besides significant improvement in cooling performance.

It is a revolutionary product and we wish to express our total satisfaction with the performance of Frigi-Tech, in improving the energy savings in our Split Air conditioners.

For, Entrepreneurship Development Institute of India, Gandhinagar


(K.K. Shaw)



The gateway hotel 10 % savings

THE GATEWAY HOTEL
AKOTA GARDENS VADODARA

Date: 10/4/2013

TO WHOM SO EVER IT MAY CONCERN

We wish to put on record our experience with M/s Greenwave Products Pvt Ltd and their product Frigi-Tech. We have used Frigi-Tech in all (Five No's) our Cold Rooms. The results have shown us more than 10% savings in energy consumption, besides significant improvement in cooling performance.

It is indeed a good product and we express our full satisfaction with the performance of Frigi-Tech, in improving the energy savings in our HVAC systems.

For Taj Gateway Hotel, Vadodara



Chief Engineer

(Sh Sahebrao Gawade)

Sterling hospital 15 % savings

sterling
Hospitals
Because life matters



TO WHOMSOEVER IT MAY CONCERN

We have pleasure in certifying that Greenwave products pvt. Ltd. Have conducted application of PERMAFROST (frigitech blend) in splits and package air conditioners.

We got above 15% savings in power consumption, apart from enhanced cooling efficiency and coefficient of performance for various machines depending on the type and age of AC unit.

We are happy with the performance of the product after 10 months from the date of application and recommend other companies to use this product for better performance of your Air conditioners.

For Sterling Hospitals,

P. J. J. J.

Head. Off.: Sterling Hospitals, Memnagar, Ahmedabad-380 052, Gujarat. Tel No.: +91 79-4001 1111.
Vadodra: Opp. Ind. Race Course Circle (West), Vadodra-390 007, Gujarat. Tel: +91 265-235 4455.
Rajkot: Plot No. 363, Opp. Gandhinagar Police Station, 160 N. Ring Road, Nr. Balsa Circle, Rajkot - 360 007, Gujarat.
Mundra: Sterling Amlife Mundra Hospital Pvt. Ltd., Mundra 362-379 421, Gujarat.
Coming soon at Surat & Bhavnagar Website: www.sterlinghospitals.com

Krishna camical 18 % savings



KRISHNA Chemical Industries

TO WHOMSOEVER IT MAY CONCERN

We have pleasure in certifying that Greenwave Products Pvt. Ltd. have conducted application of PERMAFROST(FRIGITECH blend) in blue star 40 TR chiller in the month of June.

We got 18% savings in power consumption, apart from enhanced cooling efficiency and co-efficient of performance of chiller. We are happy with the performance of the product after 6 months from the date of application and recommend other companies to use this product for better performance of their chiller.

For Krishna chemical Industries


Rajul Makadia - Partner



Greenwave

Our Operations in India



**Located At: Greenwave Products Pvt. Ltd.
A Joint Venture with FRIGI-TECH, USA.
Atlantis K10, Office No.: 220, Second Floor,
Tower-B, Sarabhai Main Road,
Vadodara - 390023**

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