

neaoxTM | Natural and
Effective Antioxidants



Synthite | **neaox**TM | Natural and
Effective Antioxidants

Synthite Industries Ltd

Synthite Valley,
Kolenchery,
Kerala 682 311, India

Corporate Headquarters
Ajay Vihar, M G Road, Cochin,
Kerala 682 016, India

T +91 484 3051200
F +91 484 3051351

T +91 484 3012222
F +91 484 2378801

E neaox@synthite.com W www.synthite.com

www.synthite.com

Synthite NATURAL SPECIALTIES



Synthite

When they need an ingredient, the world's leading food companies shop at Synthite Industries Ltd. They choose from a portfolio of over 500 products, made from the finest raw materials with complete traceability. Innovations at Synthite ensure that customers get the right material, whatever their range of application, however complex the process may be.

Synthite was among the first in India to enter spice oleoresin manufacturing. From that pioneering start in 1972, the company has grown to become the world's most trusted spice ingredient provider today, with six manufacturing units across the country and a turnover of over USD 125 million, commanding over 30 per cent of the global market share. Synthite supplies spices in ground, extract and value added forms. Synthite's quest for quality makes it the preferred choice of its clientele in over 75 countries.

Synthite's product portfolio:

- Oleoresins
- Essential oils
- Natural food colours
- Health ingredients
- Herb extracts
- Floral concretes and absolutes
- Antioxidants
- Spices – whole, ground and crushed



Food Safety Management System – ISO 22000:2005



Environmental Management System – ISO 14001:2004



Quality Management System – ISO 9001:2008



Occupational Health & Safety Management System – OHSAS 18001: 2007



NABL Accreditation for QC Lab – ISO 17025:2005



Synthite NATURAL SPECIALTIES

Synthite Natural Specialties (SNS) focuses on innovating value added food ingredients based on a scientific understanding of the customers' end application.

SNS brings you a combination of Synthite's experience and technologies based on a natural platform. It focuses on delivery systems and the application efficacies of natural ingredients for food and fragrance, with emphasis on:

neaox[™] | Natural and Effective Antioxidants

necol[™] | Natural and Effective Colours

Specialty Flavour Ingredients

Specialty Fragrance Ingredients

neaox™ | Natural and Effective Antioxidants

NEAOX, an in-house development of Synthite Natural Specialties (SNS), provides application specific solutions considering all the factors responsible for rancidity, oxidative deterioration of food.

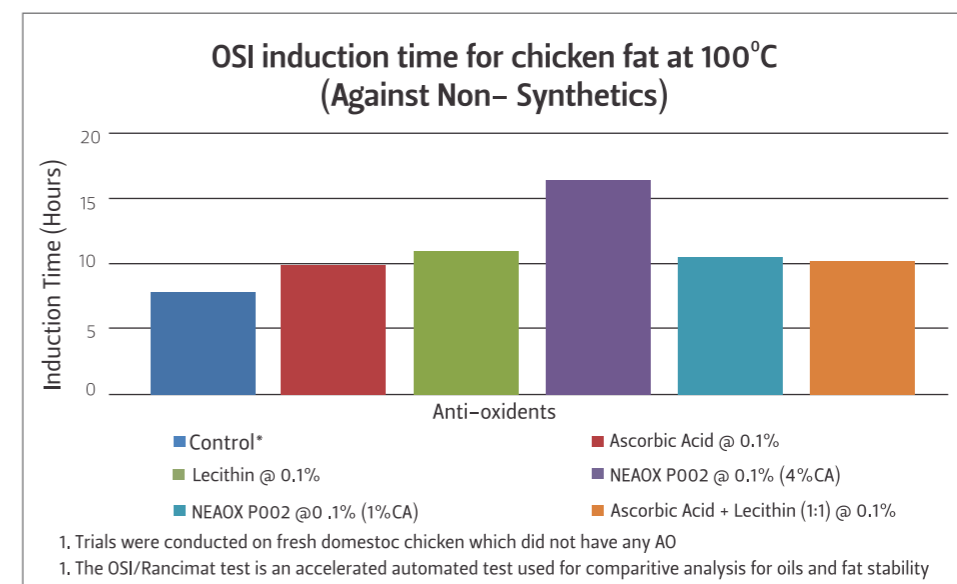
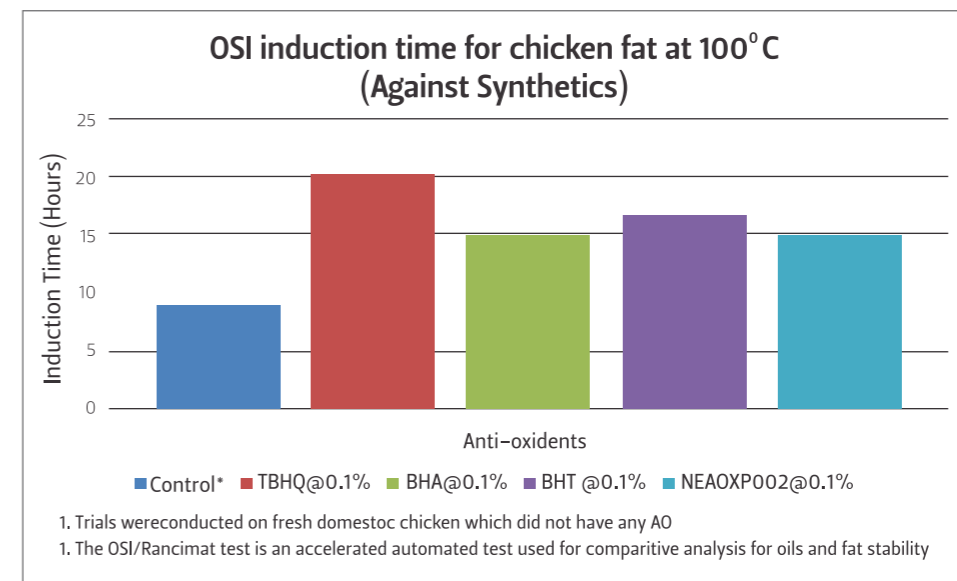
SNS is able to develop natural antioxidant blends with higher efficacy. The team does extensive research about free radical autoxidation which paves the way for rancidity. The study explores the chemistry and mechanism behind autoxidation. Special care is taken to avoid prooxidant effects.

NEAOX is developed from Rosemary in compliance with commission directive 2010/67/EU and blended with other functional ingredients that can provide synergic effects.

neaox™ – Advantages

- Efficacy comparable to synthetic anti-oxidants even at lower concentration of Carnosic acid (~ 1% Carnosic acid level).
- Freedom to increase the shelf life of the product with increased Carnosic acid levels.
- No impact on flavour.
- Delivered as oil and water soluble versions.
- Effectively retards rancidity at lower concentration and EU regulated levels.
- Standardised process ensuring consistency and cost effectiveness.

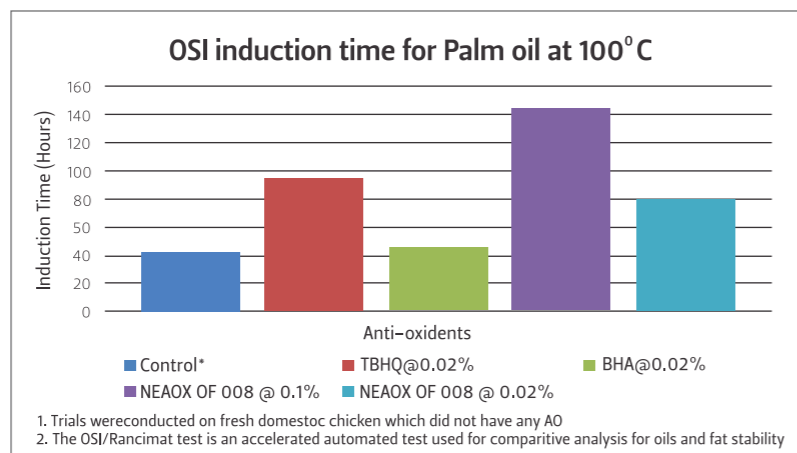
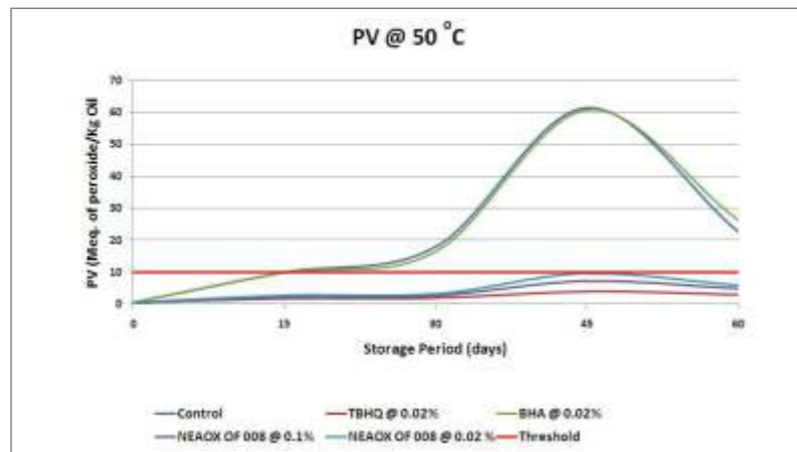
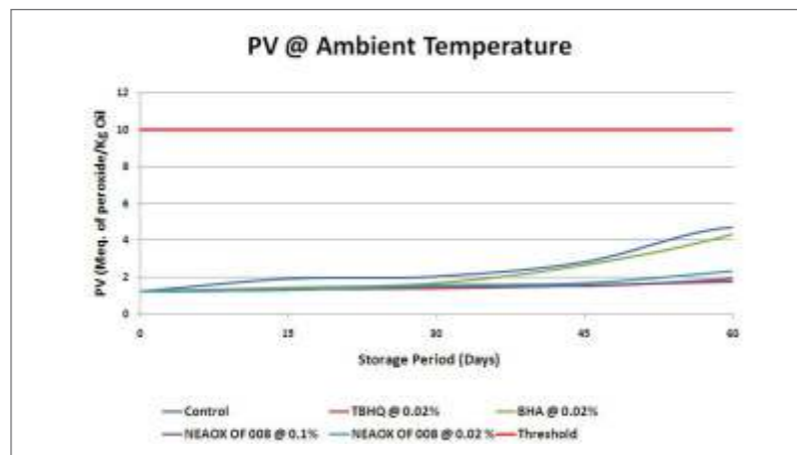
NEAOX P 002 FOR THE POULTRY PRODUCTS



Specifications

Appearance	Brownish-red
Nature	Free flowing liquid
Solubility	Oil soluble/water soluble
Dosage	0.05% to 0.15% (Based on total fat content)

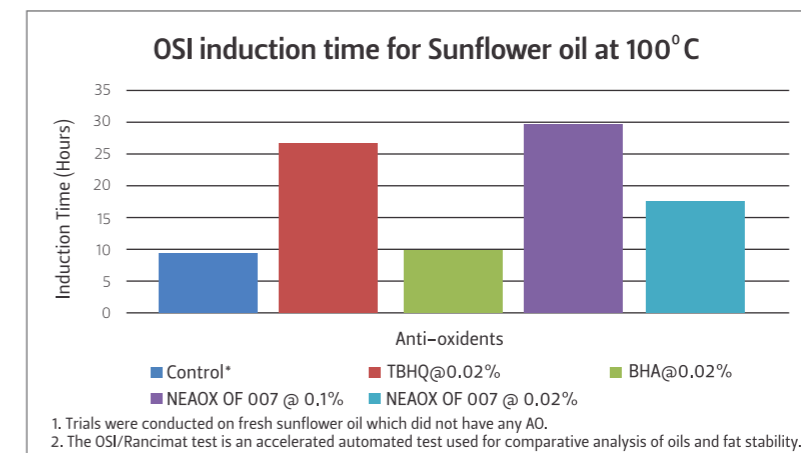
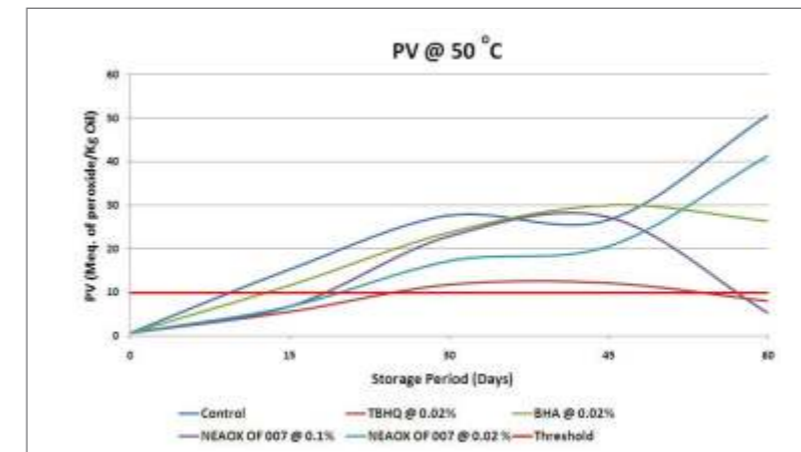
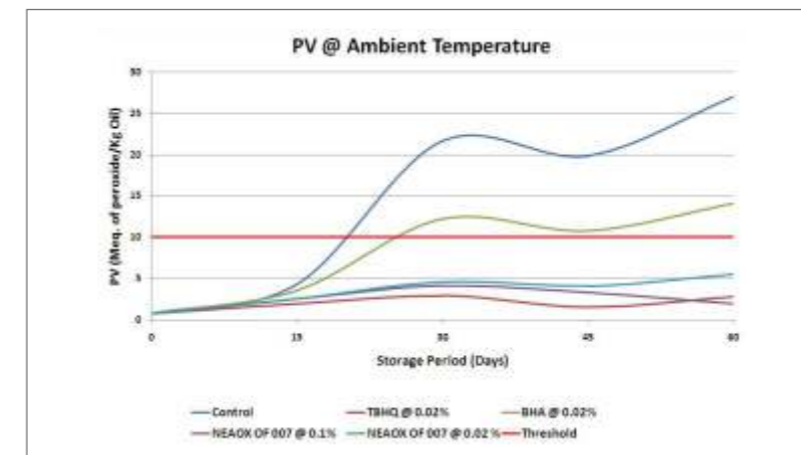
NEAOX OF 008 FOR THE PALM OIL



Specifications

Appearance	Brownish green
Nature	Free flowing liquid
Solubility	Oil soluble
Dosage	0.05% to 0.2% (Based on total fat content)

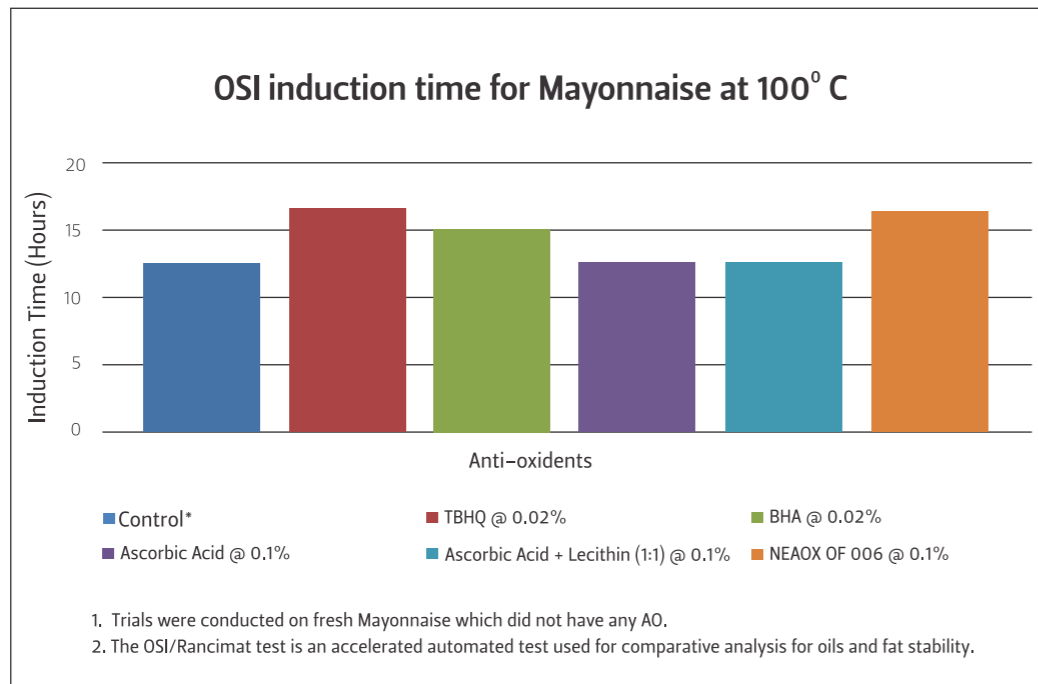
NEAOX OF 007 FOR THE SUN FLOWER OIL



Specifications

Appearance	Olive green
Nature	Free flowing liquid
Solubility	Oil soluble
Dosage	0.05% to 0.1% (Based on total fat content)

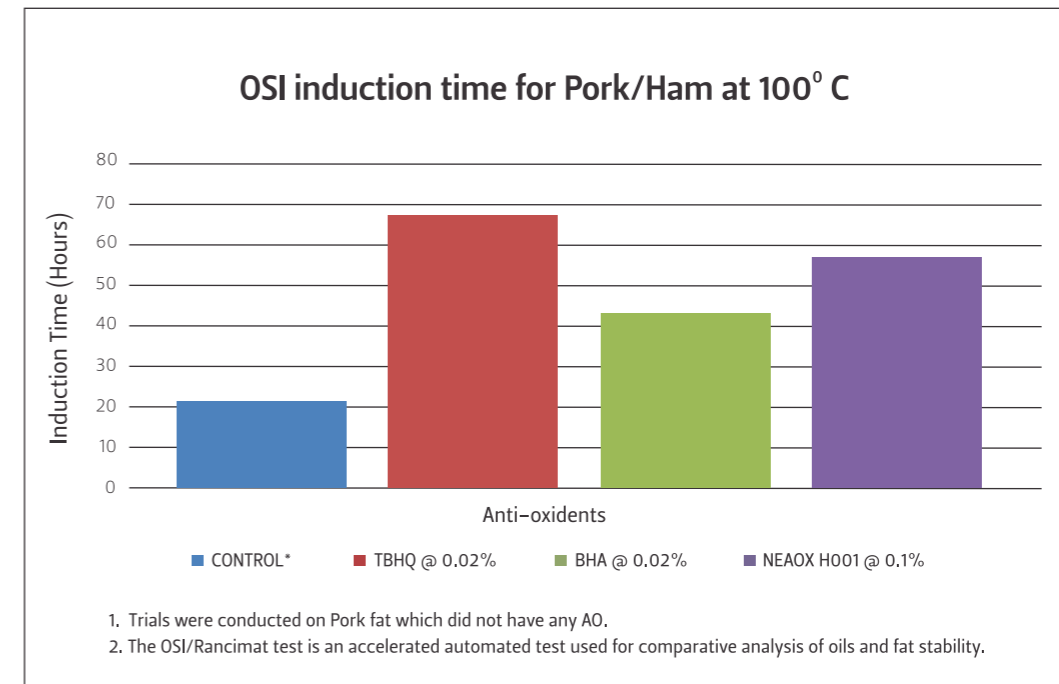
NEAOX OF 006 FOR THE MAYONNAISE



Specifications

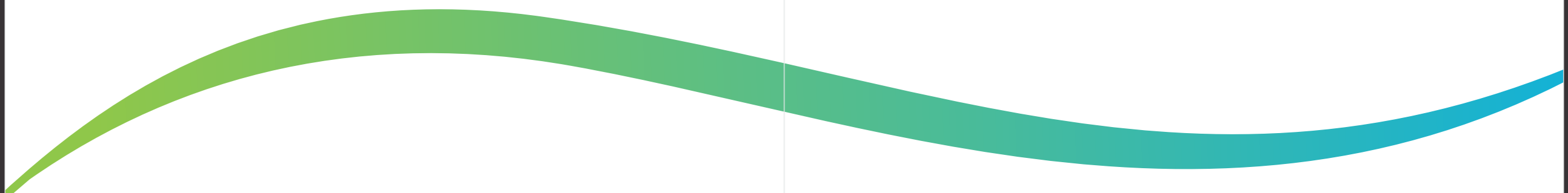
Appearance	Yellow
Nature	Powder
Solubility	Oil soluble
Dosage	0.05% to 0.15% (Based on total fat content)

NEAOX H 001 FOR PORK APPLICATIONS



Specifications

Appearance	Green
Nature	Powder
Solubility	Oil soluble
Dosage	0.05% to 0.15% (Based on total fat content)





PRESERVING HOPE

Synthite has over 1200 employees and 6 manufacturing units across South India. The company is deeply involved in bettering the lives of the people in the areas where it operates. As part of Synthite's CSR drive, a foundation has been instituted in the name of the founder, CV Jacob. The CVJ Foundation works for the upliftment of the underprivileged with schemes focusing on education, healthcare and housing. Synthite was also one of the earliest private sector companies in India to award pensions to its employees. The company has not lost a single man-day due to labour unrest, since inception.



INDIA



-  **Manufacturing Units**
-  **Offices**
-  **Warehouses**