

**PROPOSED REVISED ARTICLE (GRAMMER AND EDITS - Alyssa):**

**Engine Disassembly: Now faster and safer with Chemsearch**

*“No hot work needed!”*

Matthew Henry, Crude Plant Mechanical Supervisor, Esso Longford

Chemsearch's Yield is a penetrating release agent, designed to loosen rust from stuck metal parts without damaging the metal or metal threads. Yield contains a special inhibitor to prevent further rust or corrosion and contains moly lubrication for increased protection.

When introduced to Yield, Matthew Henry a Crude Plant Mechanical Supervisor at Esso Longford was immediately impressed. Henry says, *“I would like to pass on a thanks to Chemsearch, as this is now the 3rd GE Frame Three Turbine Overhaul we have conducted with no hot work needed during the disassembly of an engine. Past overhauls we have needed hot work to assist us with removal of bolts and in some cases to remove broken galled or bolts we just couldn't remove. Since we have introduced Yield to our site it has made our job a lot safer, we are now able to remove all bolts in a timely manner without the need of exposing our team to hot work in our work environment.”*

Another Chemsearch product that Esso uses is the environmentally-friendly partswashing system called the Torrent. This state of the art cleaning system combines pressure, temperature and chemistry to clean parts 5 times faster than your traditional parts cleaners. The fully integrated enclosed unit protects the user from direct contact with the cleaning solution and provides a safer user experience. Generating up to 12 times less hazardous waste, the Torrent eliminates organic solvents reducing the carbon footprint and improving the overall health and safety of the workspace. Henry states, “as a supervisor at Esso Longford, the safety features of this unit, is now our new standard.”

Interested In Chemsearch?

Chemsearch offers quality programs and products that help make our customers' work easier. Our solutions extend equipment life, reduce downtime, improve efficiency and save money - That's how we became the total maintenance solutions provider for millions of customers worldwide.

A premier manufacturer and supplier of industrial and commercial maintenance products, services and solutions; Chemsearch offers a broad range of products including: industrial and commercial cleaning, water treatment, lubrication, drain and waste water maintenance supplies and equipment. With more than 150-patented products worldwide, Chemsearch is the global leader in providing innovative maintenance solutions.

For solutions to your toughest problems contact Chemsearch today at 1800 252 087 or view our extensive product line at [www.chemsearch.net.au](http://www.chemsearch.net.au).

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## PROPOSED REVISED ARTICLE:

### **Engine Disassembly: Now faster and safer with Chemsearch**

*“No hot work needed!”*

Matthew Henry, Crude Plant Mechanical Supervisor, Esso Longford

Yield is a product by Chemsearch is a penetrating release agent that is designed to loosen stuck metal parts, it does so without damage to metal or metal threads and also contains a special inhibitor to prevent any further rust or corrosion.

When introduced at the plant, Matthew Henry was very impressed *“I would like to pass on a thanks to Chemsearch, as this is now the 3rd GE Frame Three Turbine Overhaul we have conducted with no hot work needed during the disassembly of an engine. Past overhauls we have needed hot work to assist us with removal of bolts and in some cases to remove broken galled or bolts we just couldn't remove. Since we have introduced Yield to our site it has made our job a lot safer, we are now able to remove all bolts in a timely manner without the need of exposing our team to hot work in our work environment.”*

Together with Yield, Esso also uses a green partswashing system called the Torrent. This state of the art system developed by Chemsearch, effectively cleans individual engine parts faster and without personal contact during the cleaning process. The Torrent uses a combination of water, power and heat to clean, which is far removed from your traditional parts cleaner which generally consists of a sink and use of harmful chemicals. The Torrent has a unique closable lid with special gloves attached; so all parts are enclosed when cleaning. Being both water based and the cleaning process is enclosed, has greatly improves OHS in any work environment. As Mr. Henry states , “as a Supervisor at the Esso Longford, the safety features of this unit is now our new standard.”

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## **ORIGINAL ARTICLE:**

### **A Safer way to Disassemble Engines**

Chemsearch's product Yield provides a safer method to disassemble engines, explains Matthew Henry, Crude Plant Mechanical Supervisor, Esso Longford.

"I would like to pass on a thanks to Chemsearch, as this is now the 3rd GE Frame Three Turbine Overhaul we have conducted with no hot work needed during the disassembly of an engine. Past overhauls we have needed hot work to assist us with removal of bolts and in some cases to remove broken galled or bolts we just couldn't remove. Since we have introduced Yield to our site it has made our job a lot safer, we are now able to remove all bolts in a timely manner without the need of exposing our team to hot work in our work environment."

Yield is a penetrating release agent that is designed to loosen stuck metal parts, it does so without damage to metal or metal threads and also contains a special inhibitor to prevent any further rust or corrosion.

Together with Yield, Esso also use a state of the art parts cleaner developed by Chemsearch, called the Torrent, to dismantle their engines. Once they take apart an engine they use the Torrent to clean up the individual parts, to great effect. (As pictured)

The Torrent uses a combination of Water, Power and Heat to clean, which is far removed from your traditional parts cleaner which generally consists of a sink and use of harmful chemicals. The Torrent has a unique closable lid with special gloves attached; so all parts are enclosed when cleaning. Being both water based and closable greatly improves OHS in any work environment, "as a Supervisor the safety features of this unit are must." Matthew Henry, Crude Plant Mechanical Supervisor, Esso Longford.

#### **About Chemsearch**

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