

LOW TEMPERATURE THERMIT



Disarmco's Low Temperature Thermit (LTT) has been developed for use in EOD and demilitarisation activities. LTT is slow burning and is designed to ignite explosive compositions without the risk of detonation. LTT is also a safe and simple product for igniting and disposing of propellant during EOD operations.

Applications

LTT has been used successfully to ignite a wide range of civil and military explosives including Torpex, RDX/TNT Types A and B, Hexolite, TNT and Isolate COB. Its packaging allows for maximum heat transfer. It also allows the thermit to become semi-liquid on ignition and to flow into cavities such as fuze wells and pockets. LTT burns in excess of 1 minute at a steady low temperature and so causes the explosive to burn rather than detonate. We recommend that LTT is initiated with Disarmco's TIS (Thermit Initiated Starter). See SOP's for full details.



LTT is an effective, simple and cheap method of burning explosives that have been exposed after access has been gained to the casing of Explosive Ordnance by means of a Hydro Abrasive Cutter.

LTT has been used by UK Ministry of Defence since 1993

As LTT's with igniters are not classified as explosive items (Under NATO explosive regulations) Transportation and security procedures are greatly simplified.

Advantages of LTT:

- Electrically initiated •
- Reduced risk of detonation •
- Intrinsically safe to store and use •
- Simple to deploy •
- Reliable against a wide range of HE fillings •