



# Case Study Lubricant for Load Restraint & Containment Systems

VOSA (Vehicle Operator & Services Agency) and HSE (Health & Safety Executive) introduced guidelines in 2012 regarding their concerns that a significant number of vehicles containing loads were not sufficiently restrained. VOSA drafted guidelines for operators, consignors and drivers. This matrix distinguishes between various types of loads and has three categories of severity for assessing load securing.



The securing of loads is assessed against a matrix and may result in prohibition action where a high risk failure to secure adequately is identified.

These regulations indicate that loads must be secured if necessary by physical restraint other than their own weight in order to protect drivers, other road users and to prevent damage to loads.

As a result various restraint systems are now available and these new restraining and containment systems require lubrication for effective operation.

Our **IKV MULTI-LUBE TF** is a high technology special lubricating dispersion of PTFE added to a blend of synthetic base oils and a carrier fluid to aid penetration for use on load restraint runners, ratchets, hinges and cables.

**IKV MULTI-LUBE TF** offers exceptional performance in many areas to make runners slide freely, eliminate friction and it dries tack-free so dust and dirt do not accumulate. It also serves to reduce the force required by operators to move the trailer curtains, bungee cords and restraint straps thereby helping to eliminate the potential for **RSI (repetitive strain injury)** where repeated operations are necessary.

**IKV MULTI-LUBE TF** also has high load carrying capacity & exceptional resistance to arduous conditions, weathering and contamination.

**IKV MULTI-LUBE TF** contains a solvent carrier which ensures that it penetrates into the working area and inaccessible areas so is in effect a combined penetrant & lubricant. It also serves to break down corroded material and other deposits. The PTFE then forms a lubricating film that repels water, dust and other contaminants. PTFE is a fluorocarbon solid which has one of the lowest coefficients of friction of any solid. Where used as a lubricant, PTFE reduces friction, wear and energy consumption of machinery.

**IKV MULTI-LUBE TF** can be applied by brush, pump spray or back pack sprayer with lance for larger applications & hard to reach areas. **The material should be agitated by shaking or stirring before use.**

**IKV MULTI-LUBE TF** is equally effective for:-

- Ratchet straps
- Bungee record runners
- Trailer tail lifts
- Chains, cables & hinges
- Seat Runners
- Runners on curtain-sided trucks



It is non-toxic, non-corrosive and non-staining & can be utilised in any areas where a light lubricant or penetrant is required.