



Automotive Assembly Aids

Application

IKV Lubricants has been a leader in the field of high performance lubricants for many years & has met the increasing demands for tribological products that meet the requirements of the industries OEM's.

Our customer, a primary automotive manufacturer needed an assembly aid for vehicle door seals. The hardness of the seal was not constant and they had difficulty fitting it into the rounded bottom of the door. The client was using brushed on soapy water which was not sufficiently reducing the coefficient of friction and was resulting in stress injuries in their assembly personnel.



Application Requirement

Lubricant/ assembly aid must be compatible with seal material (EPDM).

- Remain effective for 3 days to allow for adjustments during assembly
- Solvent free
- Cost effective (replacing soap and water)
- Operator friendly and easy to apply

ABOUT IKV -TRIBOLINE PE 1731

IKV -TRIBOLINE PE 1731 is a gel containing synthetic oil with a very high viscosity index. Its thickener gives this gel a remarkable thixotropic effect at all temperatures. **IKV -TRIBOLINE PE 1731** is compatible with ALL types of gaskets and seals, fluorocarbon, EPDM and NBR— up to 80°C.

IKV -TRIBOLINE PE 1731 has been developed as an assembly aid for rubber parts but can also be used for other materials including some plastics once compatibility has been ensured.

Its structure eliminates its risk of dripping and permits the precise application of small amounts in the entry points, which is then spread to the interior when the two parts are intersected and slid together.

IKV -TRIBOLINE PE 1731 is also suitable for the release of hoses from their chucks after vulcanisation.

Many of these formulations are available with a UV tracer to provide a means of ensuring the material presence after application.

They meet the requirements of manufacturers, easing assembly of components and thereby increasing productivity, reducing fitting efforts without migration.