



# Environmental Responsibility

Making good environmental lubricant choices should not have to compromise equipment reliability or functionality. In fact, appropriate environmental decisions can be part of a cost-effective strategy with IKV products. IKV Group is committed to leading the industry by supplying environmentally friendly and biodegradable lubricants hence minimising the impact of its activities on the environment.



The key points of its strategy to achieve this are:

**Minimise** waste by evaluating operations and ensuring they are as efficient as possible.

**Source** and promote a product range to minimise the environmental impact of both production and distribution whilst reducing power consumption in production of all materials.

**Meet** or exceed environmental legislation that relates to our industry.

IKV Group also manufacture a full range of biodegradable oils, greases and non-toxic lubricants for use in a wide variety of industries and applications from biodegradable hydraulic and chain saw oils to cleaner and safer agricultural and rail industry lubricants thereby helping to reduce the environmental impact of the materials we supply.

By ensuring our customers are using the optimum lubricant for their application we reduce the overall lubricant consumption.

By utilising modern lubricant technology our customers avoid wastage due to unnecessary relubrication and lubricant replacement - a synthetic lubricant can extend life expectancy several times over a conventional mineral oil based lubricant.

Our **BIODEGRADABLE FLUID** range includes:

Biodegradable synthetic hydraulic fluids with high viscosity index with temperature capacity of  $-40$  to  $120^{\circ}\text{C}$  - **IKV TRIBOSTAR HV 32, 46 & 68**

Synthetic oil with high viscosity index with temperature capacity of  $-30$  to  $120^{\circ}\text{C}$  for use in worm gearboxes - **IKV TRIBOGEAR 150, 220 & 460**

Sophisticated biodegradable oils with good water resistance & exceptional wear resistance for gearboxes, chains & conveyors - **IKV Castor 220**.

Low viscosity oil with excellent wear resistance, film strength and useable temperature range of  $-20$  to  $60^{\circ}\text{C}$  for use on cables & chains - **IKV ESTEV 46**.

Biodegradable cleaning solvent without COV & flashpoint of  $>150^{\circ}\text{C}$  for metallic applications - **IKV BIOSOLV 9150**

Penetrating oil with excellent anti-corrosion capacity - **IKV BIODEGRIP**.

Our **BIODEGRADABLE GREASE** range includes:

Natural ester thickened with lithium soap for temperatures of  $-25$  to  $120^{\circ}\text{C}$  with excellent load & wear resistance - **IKV BIOGREASE M-2/HT** with  $>90\%$  biodegradability.

Biodegradable oil/ calcium greases with additives for temperatures of  $-25$  to  $80^{\circ}\text{C}$  with excellent resistance to water, hydrocarbons & corrosion - **IKV BIOGREASE M-0/WR & IKV BIOGREASE M-2/WR** plus the same with solid lubricants to improve boundary lubrication under high loads and slow speeds - **IKV BIOGREASE M-1/G & IKV BIOGREASE M-000/G**.