

# *Sprinter* **ENERGY-E** Common GOLD FOR GREYHOUNDS Q&As

## High Energy Feed Supplement with Vitamin E for Greyhounds

**ENERGY-E is a high energy, highly palatable source of Omega-3, Omega-6 and Omega-9 fatty acids, blended in an optimum ratio to correct low or inadequate levels in common meat and dry food diets. Omega fatty acids are essential for optimum muscle cell and natural anti-inflammatory function. ENERGY-E contains added Vitamin E to help protect Omega-3 fatty acids from rapid oxidation in muscle tissue during exercise.**

### **Q What are the benefits of including ENERGY-E oil in my greyhound's ration?**

**A** Greyhounds can benefit substantially from the addition of **ENERGY-E** to their daily ration. **ENERGY-E** oil is an excellent 'cool' concentrated energy source, making it highly suitable for greyhounds where additional aerobic energy is required for racing and during hot weather to offset the energy drain of panting, without resulting in unwanted 'excitable' behaviour.

**ENERGY-E** oil is easily digested and is therefore ideal for greyhounds in hard training and in cases where digestive efficiency is significantly reduced. The oils in **ENERGY-E** facilitate the absorption of Vitamin E and other fat soluble Vitamins A, D and K from the small bowel. Therefore, the innovative formulation of **ENERGY-E** provides a natural carrier for its own source of Vitamin E. The oils in **ENERGY-E** also help to maintain the health of the skin and coat, ensuring your greyhound has a soft, shiny coat and looks a million dollars!

### **Q ENERGY-E contains Omega-3 & Omega -6 fatty acids in an optimum ratio. Why?**

**A** **ENERGY-E** contains an optimum ratio of 1 part Omega-3 to 3.5 parts Omega-6 fatty acids. This ratio is achieved by a balanced combination of cold water fish oil, cold-pressed GM free canola and sunflower oils. A balanced ratio is important for membrane stability, metabolic function and to improve skin and coat condition. Omega-3 and Omega-6 fatty acids also have roles in the body by providing natural anti-inflammatory compounds. The cold water fish oil provides long chain Omega-3 fatty acids which contribute eicosapentanoic acid (EPA) and docosahexanoic acid (DHA). These have important natural anti-inflammatory activity within the muscles and other tissues, derivatives for natural hormone synthesis within the cells, as well as improving the function and strength of blood vessels and body cells. They also have important roles in maintaining normal fertility of breeding greyhounds when adequate and balanced levels are provided in the diet.

### **Q Why does ENERGY-E contain 2000IU per litre of oil soluble, natural source d- $\alpha$ -RRR Vitamin E?**

**A** Vitamin E is a natural and essential antioxidant vitamin involved in digestive function and metabolic reactions. Vitamin E is commonly likely to be inadequate in greyhound feeds due to a low natural content and loss due to processing and storage. **ENERGY-E** is the first oil in the world to contain its own built-in oil soluble, natural source, potent d- $\alpha$ -RRR vitamin E at the recommended rate of 1mg Vitamin E per gram of polyunsaturated fatty acids (PUFA's) or a minimum of 1000 Iu/Litre. The **ENERGY-E** formulation contains 2000 Iu of Vitamin E per litre, or double the recommended minimum protective level.

The Vitamin E in **ENERGY-E** also helps to protect its own oil content against oxidation. Vitamin E helps to limit the oxidation of the fats in the oil when they are incorporated into muscle cell lipid (fat) membrane layers. these lipids (fats) are subjected to high oxidative stress as large amounts of oxygen pass through the cell membranes in an exercising greyhound. Another reason for adding a built-in source of vitamin E, is that oil facilitates the uptake of Vitamin E from the small intestine. Therefore, the oil in **ENERGY-E** assists in the uptake of its own natural Vitamin E content as well as the Vitamin E found in other feeds and supplements included in the ration.

**ENERGY-E contains cold water fish oil which is already protected by added anti-oxidants during packing, Combined with the addition of the most potent form of vitamin E as natural source d- $\alpha$ -RRR Vitamin E, as it must be protected with at least 10IU of vitamin E per gram of fish oil to reduce the risk of oxidation during storage and in its role as an essential contributor of EPA and DHA within the muscles and other tissues.**

### Q Is ENERGY-E a stabilised oil? Why is this important?

A Yes! **ENERGY-E** is based on cold-pressed canola oil, a monounsaturated fat which helps ensure protection against oxidation and rancidity. Supplementing your greyhounds with damaged fats – which are usually the result of oxidation or high temperature processing, can result in a reduced palatability and digestion, leading to digestive upsets which can interfere with metabolic and liver function. Did you know that recycled cooking fat, such as dripping from a beef or lamb roast, or used vegetable oils from deep fryers, fried foods and barbeque plates given as a regular fat or oil source for a greyhound, can increase the risk of fatty liver as it is not metabolised efficiently due to changes in the fat structure as a result of high temperature cooking.

### Q ENERGY-E has a slightly fishy odour. Is this of benefit?

A The acceptance of **ENERGY-E** is assured by the addition of cold water fish oil. As well as providing a palatable flavour, the cold water fish oil with its in-built antioxidants, is more stable in an oil formulation. This reduces the chance of oxidation and rancidity which would make the oil less palatable to greyhounds. The pleasant 'fishy' odour of **ENERGY-E** is ideal to tempt 'fussy eaters' and those who lack interest in their food, as it helps to encourage a healthy appetite.

**Handy Hint: ENERGY-E is an ideal appetiser to add to dry food mix, or to a meal containing newly introduced powdered supplements, to help encourage a "suspicious eater" to consume the dry food or supplement.**

**ENERGY-E may also be given by an oral syringe, allowing the greyhound to lick the delectable flavouring of the fish oil from the nozzle as the plunger is slowly depressed.**

### Q How much ENERGY-E should be included in my greyhound's meal?

A **ENERGY-E** can be included in a ration as a cool energy source, coat conditioner or omega oil supplement.

To provide a "cool" energy source, racing and hard working bitches (25-30kg) can be provided with **15-20mL** ( $\frac{3}{4}$ -1 tablespoon) per day. Hard working and racing dogs (30-35kg) will normally accept **20-25mL** (1-1 $\frac{1}{4}$  tablespoons) per day.

**ENERGY-E** supplemented at this daily rate is ideal to provide extra energy to offset the losses from panting in greyhounds which are kennelled and trained under hot conditions. This will help to reduce the sapping of energy away from limb muscles to assist cooling. Such a high energy drain could otherwise reduce performance in a panting greyhound kept or raced under hot conditions.

As a coat conditioner, it is recommended that **ENERGY-E** be provided at the above rates. When introducing **ENERGY-E** to a meal, it is important to allow the digestive system to adjust in order to efficiently digest and utilise the additional fat or oil. This can be achieved by increasing the amount of oil being fed by **5mL** every 3-4 days, until the required dosage has been met. This step-wise increase in the amount fed will help to avoid any digestive upsets and help ensure optimum digestibility of the **ENERGY-E** oil for energy.

### Q What pack sizes is ENERGY-E available in?

A **ENERGY-E** is available in 500 mL, 2 Litre cans and 5 Litre cans with an in-built pouring spout.

**Important Fact: ENERGY-E** is packed in a specially lined metal can so as to avoid the chemical reaction which can occur when oil is packed in cheap plastic containers. It also maintains a light-free storage environment which prevents UV damage to the oil as can occur in clear plastic containers and bottles. The metal can is fully recyclable and is environmentally safer as compared to plastic bottles or containers.

Once opening **ENERGY-E**, it is recommended to seal the cap and store the remaining oil in a refrigerator at +4-+8C. Do not shake **ENERGY-E** oil to mix it before use-it does not settle or separate. Air bubbles can become suspended in the oil and slowly rise to the top, increasing the risk of oxidation. The cold-pressed canola oil used in **ENERGY-E** naturally resists oxidation during storage as compared with cheap polyunsaturated oils used primarily in other oil blends.

## SPRINTER GOLD GREYHOUND PRODUCTS

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