

Manufactures of **OPTIFUEL**
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INFORMATION SHEET – JULY 2010

SPECIFICATIONS

OPTIFUEL™ uses only the highest quality raw materials for the production of our fuels. **OPTIFUEL™** is a privately owned business run by engineers and owned by a keen modeller and we give you straight facts, the numbers, and no smoke and mirrors. Anyone can claim to be the best; we simply produce the highest quality fuel by using the best components, latest blending technology and support the users directly.

Some companies say that they do not pay their pilots, **OPTIFUEL™** does not have a single 'paid' pilot on the books, the top European pilots choose **OPTIFUEL™** because when quality and performance matters they **OPTIFUEL™** leads the way.

NITROMETHANE

OPTIFUEL™ buys nitromethane in bulk (by container loads) to a specification which is the highest grade. **OPTIFUEL™** uses a proprietary Nitromethane which is the highest quality Nitro available and always better than 99.75%. Lesser grades of Nitro are available at 99.6% and below, but **OPTIFUEL™** does not to use them.

METHANOL

OPTIFUEL™ uses a 99.9% (or better) pure methanol. Second generation (technical grade Methanol) at half the price is available but **OPTIFUEL™** does not use this. Our Methanol is the highest grade available in the UK.

OIL PACKAGES

OPTIFUEL™ uses exclusively **Klotz®** lubrication packages. **OPTIFUEL™** lubrication systems are designed in cooperation with **Klotz®** and are proprietary and in the case of the soon to be launched SLV Pro fuels which is again a first in the industry and cooperation between **OPTIFUEL™** and **Klotz®**. **OPTIFUEL™** has invested a lot of time with hundreds of testing hours identifying the best oil packs and **Klotz®** is the best. Once again others manufactures have chosen the lesser grade materials to save money we at **OPTIFUEL™** always choose quality.

KLOTZ® OIL PROPERTIES:

While most competitors won't even tell you the oil contents of their products **OPTIFUEL™** is pleased to be associated with **Klotz®** products for our lubrication packages so we even give you specific properties. Once again **OPTIFUEL™** leads

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the industry! **OPTIFUEL™** only uses **Klotz®** synthetic oils no castor is used except on special custom blends.

KLOTZ® SYNTHETIC OIL CHARACTERISTICS:

Klotz® synthetic oils are the best in the industry bringing higher load carrying capacities, greater film strength, lower carbon formation, higher heat capacitance, and lowest smoke factor of any currently available synthetic oil.

Typical Specification

Smoke Rating:	10	1=Fog	10=No Smoke
Clean Burn:	10	1=Heavy Deposits	10=No Carbon
Film Strength:	5	1=Failure	10=Virtually No Wear
Viscosity:			Varies with blend but low.
Pour Point:	-20 to -15		
Flash Point:	410 F to 460 F		
Rust Prevention:			Contains rust inhibitors.
Certification:	A.P.I. S.A.		Intended for Racing Engines
Biodegradability:	100%		

For more information on **Klotz®** lubricants go to www.klotzube.com

KLOTZ® OIL PACKAGES & ADDITIVES

OPTIFUEL™ fuels contain a proprietary additive package formulated by **Klotz®** to enhance the performance and protect your engine. **OPTIFUEL™** only contains **Klotz®** products.

All the oils used by **OPTIFUEL™** contain **Klotz®** Clean Burn™ technology which reduces carbon and residue build-up. Extreme film strength engineered to reduce engine component wear and build horsepower.

- **Reduced Friction and Improved Performance**
- **TechniPlate® Peak Film Strength and Anti-Scuff protection**
- **Extreme Load Carrying Capacity engineered to reduce engine wear**
- **Clean Burn Technology reduces carbon and residue build-up**
- **Contains familiar Klotz Red for easy mixing and racy odour**
- **Less Drag . . . More Power®**

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PRESSURE ADDITIVES: **OPTIFUEL™** contains pressure additives to prevent seizing under conditions of extreme temperature and pressure.

RUST INHIBITOR: **OPTIFUEL™** contains the best antirust inhibitors in the industry **Klotz®** technology is world class in model engine protection.

ANTI-FOAMING AGENTS: **OPTIFUEL™** contains agents designed to reduce fuel foaming.

FUEL BLENDING

OPTIFUEL™ is blended by volume to ensure proper proportions; this is then converted into weight for production sheets as this is the most accurate way of reproducing consistent batches. **OPTIFUEL™** prides itself on the consistency of its product. We treble filter our fuels from raw material loading, recirculation filtering and discharge filtering to better than 100 micron purity probably the highest in the industry. All fuel is packed straight away and as an ISO9001-2008 company all product is QA checked and batch checked at every production stage. We have done extended ambient testing for moisture take up and UV deterioration and so far these have yielded no issues whatsoever.

**VALUE YOUR PASSION, USE THE BEST IN
THE WORLD**

