



2-STROKE SYNTHETIC LUBRICANT

R-50® TechniPlate®

Klotz R-50 is a pure synthetic lubricant designed exclusively for use in all sustained Hi-RPM 2-stroke racing engines. R-50 film strength is comparable to castor oil with the benefits of Clean Burn Technology®.

- **TechniPlate® lubricity system for superior film strength and anti-scuff protection**
- **Extreme Load Carrying Capacity to eliminate bearing and ring wear**
- **Clean Burn Technology reduces carbon and residue build-up**
- **Contains familiar Klotz Red-Smells like Klotz™**
- **Anti-Oxidation protection against rust and corrosion**
- **Power Valve formula**



CHARACTERISTICS

Smoke Rating	9	Scale 1 = Fog - 10 = No Smoke
Clean Burn™	9	Scale 1 = Heavy Deposits - 10 = No Carbon
Film Strength	10	Scale 1 = Failure - 10 = No Wear
Pour Point	-9°F	
Flash Point	550°F	
Maximum RPM	Unlimited	
Viscosity @ 100°C	16.30 cSt Min 21.90 cSt Max 18.20 cSt Typical	
Product Color	Red	
Chemical	100% Pure Synthetic	
Biodegradable	42%	

CERTIFICATIONS

A.P.I. S.A. Intended for racing engines only

DIRECTIONS

MX and Dirt Track: Water-cooled engines 60-125cc mix at 32:1, 250+cc mix at 40:1 to 50:1

ATV: Water-cooled mix at 40:1, Air-cooled engines mix at 32:1

Kart: Air-cooled mix at 20:1 to 25:1

Shifter Kart: Liquid-cooled mix at 32:1

PWC: Full mod mix at 40:1 to 50:1

Snowmobile: Full mod mix at 40:1 to 50:1

R/C Model: 2-Stroke gas mix at 20:1 to 32:1

2-Stroke pre-mix: DO NOT use in oil injection systems.

COMPATIBILITY

Blends with gasoline and stays in suspension. Will blend with petroleum oils and some synthetic lubricants.

Will not blend with alcohol.

Will blend in gasoline at ratios of 15:1 or greater.

PART NUMBERS

KL-102	10 PT CASE
KL-104	10 QT CASE
KL-105	4 GAL CASE
KL-104 30 GL	30 GAL DRUM
KL-104 55 GL	55 GAL DRUM

RECOMMENDED APPLICATIONS

Motorcycle/ATV:

Hi-performance Racing 10K RPM+

Snowmobile:

Drag Racing, Snow Cross 9500 RPM+

PWC:

Racing 10K RPM+

Kart/Micro Sprint:

Hi-performance Racing 10K RPM+

R/C Modeling:

Gasoline 30-45K RPM

Klotz Synthetic Lubricants

Fort Wayne, IN USA

Order Online: at klotzlube.com

Tech Line: 260.490.0489

Order Line: 800.242.0489

Email: salesteam@klotzlube.com

©2018 Klotz S.L., Inc Tech Sheet