# ARCHOIL AR9100 FRICTION MODIFIER

# **TECH SHEET**

# NANO LUBRICATION TECHNOLOGY | FOR USE IN ALL ENGINES

**AR9100 Friction Modifier** oil additive is suitable for use in all diesel and gasoline engines (including Cummins, Duramax and Power Stroke). AR9100 forms a solid boundary lubricating film that improves performance and protects engines, gearboxes and hydraulic systems. AR9100 eliminates hard/cold start issues caused by HEUI injector misfires in 6.0L & 7.3L Power Strokes.

16oz (473ml) bottle Treats up to 15 quarts of engine oil



## **UPGRADE YOUR OIL**

- Increases power and response
- Reduces friction and provides anti-wear, extreme pressure and anti-corrosion protection
- · Reduces engine noise and vibration
- · Protects engine during cold starts
- · Cleans and prevents sludge/varnish deposits
- · Extends oil drain intervals
- Fixes HEUI injector problems (Power Stroke and others)



## POWER STROKE APPLICATION

AR9100 fixes injectors in Ford Power Stroke 6.0L and 7.3L trucks and other HEUI injection vehicles (Navistar T444E and VT365) by cleaning and lubricating stuck spool valves. Stiction is eliminated along with associated cold start problems including rough idling, cylinder misfires and loss of power and acceleration.



#### **MONEY BACK GUARANTEE**

We are so confident in these results we offer a 100% money back guarantee if our product does not eliminate stiction issues within 100 miles.



### EXTREME PRESSURE/ANTI-WEAR PROTECTION

AR9100's extreme pressure (EP) additive forms a solid boundary lubricating film on friction surfaces, providing excellent load carrying ability under the most extreme operating conditions. AR9100 also incorporates highly polar esters that stick to metal surfaces, ensuring good penetration and protection of all engine components.



# ARCHOIL AR9100 FRICTION MODIFIER

# **TECH SHEET**

NANO LUBRICATION TECHNOLOGY | FOR USE IN ALL ENGINES



#### REDUCED FRICTION

The lubricating film formed by AR9100 reduces friction, improving efficiency and power. Reduced friction means a system will develop less heat and run more smoothly and quietly.



## **ENGINE DEPOSIT REDUCTION**

AR9100 will gently remove and disperse any sludge, varnish and carbon deposits that have built up in the engine. Continuous use of AR9100 will then keep the engine clean.



### EXTENDED OIL DRAIN INTERVALS

Use of AR9100 typically extends oil drain intervals. AR9100 increases the TBN (total base number) of your oil which will help prevent it from becoming acidic during extended oil drain intervals. AR9100 also improves the oxidative stability of engine oil, reducing the rate of degradation. Oil sampling should be used as a tool to determine if extended drain intervals are right for your application.



### **DIESEL POWER - 'THE WORLD'S LARGEST DIESEL MAGAZINE'**

"Seeing this F-350 go from a cold-blooded, rough-running basket case to a truck that ran as smooth as it did the day it left the dealership definitely made believers out of us. Archoil is the real deal"



### TREAT RATES

Use 1.2 oz of AR9100 per quart of engine oil

Use one 16 oz bottle to treat a Power Stroke

Use 3.2 oz per quart to treat gear oil and hydraulic oil including power steering fluid

Use 1.2 oz per quart to treat limited slip differentials



