



# AIR-COOLED TWO CYCLE ENGINE OIL

- **SPECIAL ADDED SYNTHETICS**
- **REDUCES SMOKING**
- **INCREASED OIL FILM THICKNESS**
- **INCREASED VISCOSITY**
- **INCREASED THERMAL STABILITY**
- **MIXES EASILY**

Texas Refinery Corp.'s AIR-COOLED TWO CYCLE ENGINE OIL is a significant improvement over the ordinary oils on the market. The oils themselves have been put through special refining steps and then special additives have been included that specifically address the requirements of air-cooled two cycle gasoline engines.

## **AIR-COOLED TWO CYCLE ENGINE OIL Special Added Synthetics**

Special synthetics are added to increase AIR-COOLED TWO CYCLE ENGINE OIL's film thickness, viscosity and thermal stability. These synthetics prevent engine deposits, ring sticking, chemical wear, and varnish formation. Newer air-cooled engines run at higher rpm's creating more heat and pressure, thus another reason for synthetic additives. Also, replacing some of the oil with synthetics lessens the chance of equipment smoking when properly mixed with gasoline.

## **AIR-COOLED TWO CYCLE ENGINE OIL Reduces Smoking**

The use of two cycle gasoline engines for air-cooled operations (chain saws, generator sets, motorcycles) has grown dramatically. These types of engines are ideally suited to these applications because of their light weight, relatively low cost and ease of maintenance. The air-cooled



*AIR COOLED TWO CYCLE ENGINE OIL provides the ultimate in protection.*

engines that burn a combination of gasoline and oil are particularly useful under low temperature operating conditions because they eliminate the cooling system problems inherent to liquid-cooled engines at freezing temperatures.

## **AIR-COOLED TWO CYCLE ENGINE OIL Increased Oil Film Thickness**

A special additive has been used to provide better cylinder lubricity. This reduces piston scuffing especially at the higher temperatures that the air-cooled engine runs.

## **AIR-COOLED TWO CYCLE ENGINE OIL Increased Viscosity**

The blend of additives in high quality base stocks gives us increased viscosity. This gives improved film strength and less wear on the moving parts.

## **AIR-COOLED TWO CYCLE ENGINE OIL Increased Thermal Stability**

A different detergent package has been used in Texas Refinery Corp.'s AIR-COOLED TWO CYCLE ENGINE OIL. This gives better high temperature performance and much improved cleanliness of the engine.

## AIR-COOLED TWO CYCLE ENGINE OIL Mixes Easily

Since the lubricating system has an increased viscosity, mixing into the fuel became a problem in cold weather. AIR-COOLED TWO CYCLE ENGINE OIL's special formulation allows for improved mixability of the fuel.

Texas Refinery Corp.'s AIR-COOLED TWO CYCLE ENGINE OIL may also be used in units where the oil is injected into the gasoline from a separate compartment as well as those units where the oil and gas is pre-mixed.

Texas Refinery Corp.'s AIR-COOLED TWO CYCLE ENGINE OIL mixes well with gasoline to prevent stratification where too much oil may be at the bottom of the tank and not enough at the higher levels. Proper mixing will prevent the burning of a rich mixture at the bottom of the tank or burning a lean mixture at the top of the tank that can lead to lack of lubrication. Texas Refinery Corp.'s product will help eliminate those mixing difficulties especially those that are greatly aggravated by cold weather.

**CAUTION:** Do not use Texas Refinery Corp.'s AIR-COOLED TWO CYCLE ENGINE OIL in marine two cycle gasoline engines.

### PINTS OR OUNCES OF OIL TO GALLONS OF GASOLINE

Gas:Oil Ratio	1 GALLON		2 GALLONS		5 GALLONS		10 GALLONS	
	Pints	OZ.	Pints	OZ.	Pints	OZ.	Pints	OZ.
11:1	3/4	11.5	1 1/2	21.5	3 3/5	58	7 1/4	116
12:1	2/3	10.5	1 1/3	21	3 1/3	53.5	6 2/3	107
16:1	1/2	8	1	16	2 1/2	40	5	80
20:1	2/5	6.5	4/5	13	2	32	4	64
24:1	1/3	5.5	2/3	10.5	1 2/3	26.5	3 1/3	53
25:1	1/3	5	2/3	10	1 2/3	25.5	3 1/5	51
30:1	1/4	4.5	1/2	8.5	1 1/3	21.5	2 2/3	43
32:1	1/4	4	1/2	8	1 1/4	20	2 1/2	40
40:1	1/5	3	2/5	6.5	1	16	2	32
42:1	1/5	3	2/5	6	1	15	2	30
50:1	1/5	2.5	3/10	5	4/5	13	1 3/5	26
100:1	1/10	1.5	1/5	2.5	2/5	6.5	4/5	13

## SPECIFICATIONS

AIR-COOLED TWO CYCLE ENGINE OIL  
Product Code: #6293 Cases #6292 - 6's, 35's, 55's

Meets and/or exceeds ISO EGB and JASO FB

### CHARACTERISTICS

<b>Gravity, API</b>	<b>31.5</b>
<b>Specific Gravity</b>	<b>0.8681</b>
<b>Flash Point, °F. (TCC)</b>	<b>163</b>
<b>Pour Point, °F.</b>	<b>-35</b>
<b>Saybolt Universal Viscosity:</b>	
at 100°F.	<b>200</b>
at 210°F.	<b>50.0</b>
<b>Viscosity Index</b>	<b>116</b>
<b>Color</b>	<b>Red</b>

HANDLING INFORMATION: For safe handling of the product, read the Safety Data Sheet (SDS).

**Toll Free: 1-800-827-0711**  
**Toll Free Fax: 1-800-582-3329**  
**www.texasrefinery.com**  
**E-mail: lube1@texasrefinery.com**

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TEXAS • ONTARIO • SASKATCHEWAN

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