

# TRACKSTER

## SERVICE BULLETIN

Service Dept. CUSHMAN MOTORS Lincoln, Nebraska



12  
Rev. 1

### FUEL RECOMMENDATIONS

The correct fuel mixture ratio is 50 parts of a good grade, regular leaded gasoline to one part Johnson 50:1, Evinrude 50:1 Lubricant, or in Canada OMC 2-cycle motor oil.

In some gasolines the amount of lead has been replaced with phosphorus. Do not use this type of gasoline, since phosphorus is detrimental when used in 2-cycle engines.

If recommended lubricant is not available, use a BIA CERTIFIED SERVICE TC-W oil mixed at 24:1 ratio. Automotive oils and 24:1 premix fuels should not be used except in emergencies when the recommended oil is not available. It should be recognized that automotive oils are formulated to fit the needs of 4-cycle automotive engines while Johnson 50:1, and Evinrude 50:1 Lubricant and OMC 2-cycle motor oils are formulated for the 2-cycle engine installed in your Trackster. **DO NOT** use Rotary Combustion Lubricant in any Trackster 2-cycle piston engine.

Use the following table to determine the 50:1 fuel and oil mixture for U.S. and Imperial measures:

#### Mixing Fuel

Use only a good grade of regular gasoline. Higher octane fuels may be used but generally do not offer any advantages.

50 TO 1 MIXTURE RATIO CHART FOR JOHNSON, EVINRUDE AND OMC 2-CYCLE MOTOR OIL			
U.S. MEASURE - 1 PINT - 16 OZ. IMPERIAL MEASURE - 1 PINT - 20 OZ.			
LUBRICANT		GASOLINE	
		U.S. MEASURE	IMP. MEASURE
½ U.S. pint	Mix with	3 U.S. gal.	2.4 Imp. gal.
½ Imp. pint	Mix with	3.7 U.S. gal.	3 Imp. gal.
1 U.S. pint	Mix with	6 U.S. gal.	4.8 Imp. gal.
1 Imp. pint	Mix with	7.5 U.S. gal.	6 Imp. gal.

**NOTE:** Non-leaded gasoline is not approved for use in the TRACKSTER.

To prepare the Trackster fuel properly, pour into a SEPARATE clean container, half the amount of regular gasoline required and add all the required oil. Thoroughly shake this partial mixture. Next, add the balance of gasoline necessary to bring the mixture to the required ratio. Again, thoroughly shake the mixture. A clean funnel equipped with a fine screen should be used when pouring the fuel mixture into the vehicle tank.

When it is necessary to mix fuel and oil at temperatures below 32° F., the oil should be prediluted with gasoline to improve its mixability. Predilute the oil by adding one part gasoline to one part oil. When doing this, the oil temperature should be above 32° F. **DO NOT** use kerosene or fuel oils for prediluting oil.

Decals specifying the new mixture are available by ordering Part No. 821452.