

Chaincase Oil Level (All Except WideTrak Models)

Proper chaincase oil level is determined by checking the level on the dipstick with machine placed on a level surface. The oil level should be between the "safe" marks on the dipstick. Add oil through dipstick opening as required to maintain proper level. Use Polaris Chaincase Lubricant or Polaris Synthetic Chaincase Lubricant. *Do not overfill.*

Chaincase Lubricant PN 2870337
Synthetic Chaincase Lubricant PN 2870337
Refer to Page 9.1-9.1b for model type and capacity

CAUTION:

Polaris Synthetic Chaincase Lubricant is compatible with Polaris petroleum based chaincase oil and can be mixed. However, do not mix or use other types of lubricant. Excessive wear to chain, sprockets and bearings may result.

Drive Chain Tension (All Except WideTrak Models)

To obtain correct chain tension:

1. Remove drain plug (F) and drain oil into a suitable container. Dispose of properly.
2. Remove the chaincase cover.
3. While putting a slight reverse tension on the chain by turning brake disc as indicated by the arrow (A), there should be approximately 1/4-3/8" (.6-1 cm) deflection on the chain at point (B).
4. The chain is adjusted by loosening the adjusting bolt locknut (C) and turning adjusting bolt (D) until correct chain deflection is obtained.
5. Lock the adjusting bolt locknut (C) while holding a wrench on the adjusting bolt (D) to prevent it from turning.
6. Reinstall the chaincase cover and drain plug. Add Polaris chaincase lubricant (PN 2870337) through the dipstick opening to the level described above.

NOTE: Clean the magnetic plug (E) every 500 miles (800 km) and whenever checking or changing lubricant.

The chain may also be tightened without removing the cover using the following procedure. Do Not over-tighten!

1. Rotate driven clutch counterclockwise to move all chain slack to the tensioner side.
2. Loosen the adjuster bolt jam nut.
3. Finger tighten the adjuster bolt until no movement or slack can be detected on the *jackshaft* when moving the driven clutch back & forth. Some play may be evident on driven clutch key way, and must not be confused with movement on the jackshaft.
4. Back off the adjuster bolt by 1/4 turn.
5. Tighten the jam nut while holding the adjuster bolt.
6. The chain is now tensioned. Release the brake lock lever.

