



Partnership for Clean Fuels & Vehicles

Emerging Issue: Used Lubricating Oil

Rob Cox

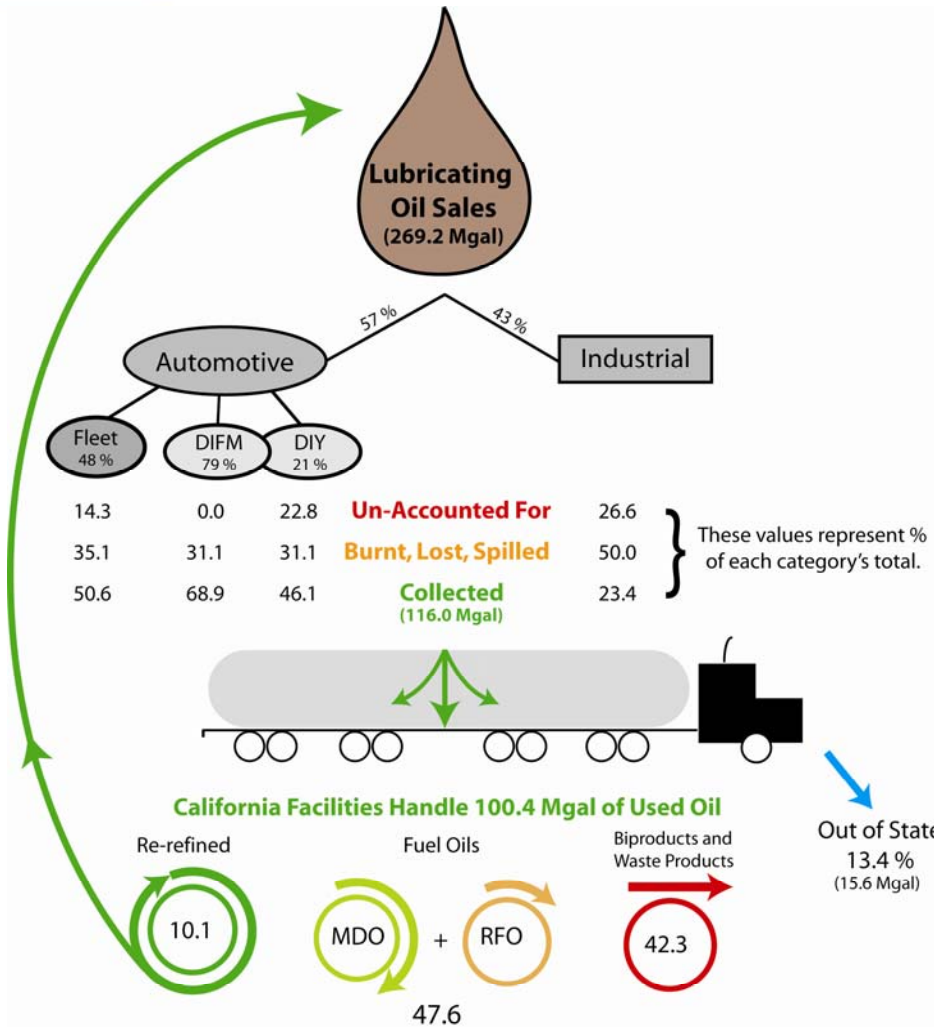


Back ground & Problem Definition

- Used oil is a widespread and challenging problem worldwide
- Paradoxically, used oil programs work well with high population densities and short generator – recycler distances: exactly the opposite situation to that in developing countries
- Some countries have reasonably good programs
- Recent Lawrence Livermore report identified opportunities to improve systems



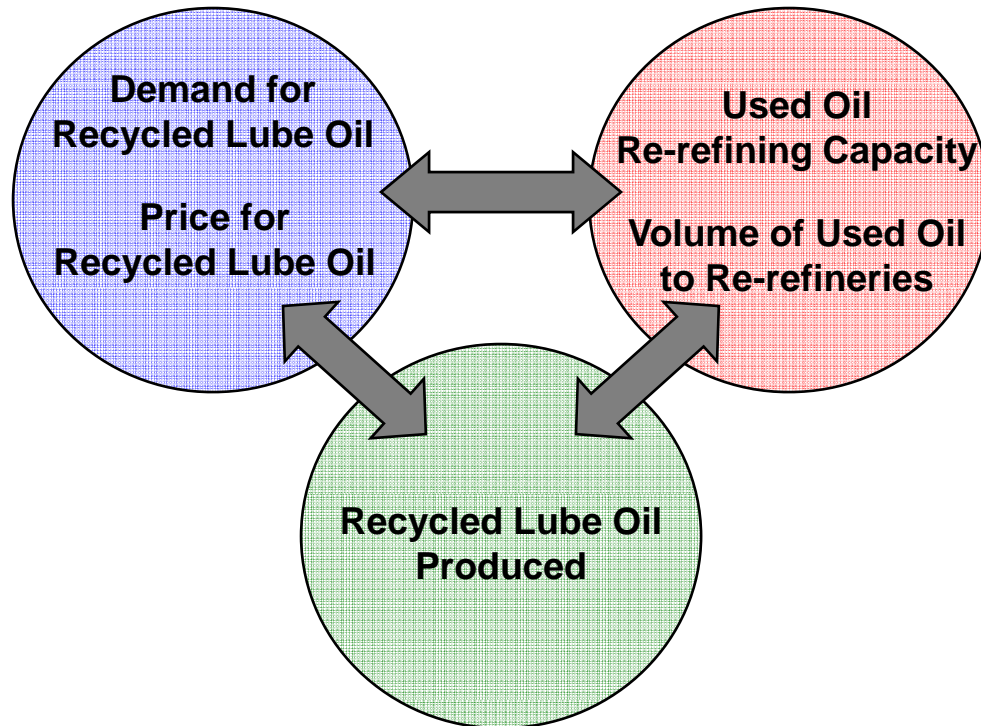
Where does it go?



Numerous stakeholders within the used oil system.

- Virgin Lube Sellers
- Generators
- Collectors
- Hauliers
- Recyclers

Used Oil Market Dynamics



Each of these components has complicated dynamics and interdependencies that need to be considered and included in system optimization

1. Increase volume collected
 - Improve collection efforts
 - Encourage hauling to re-refinery
2. Increase market demand
 - Improve public awareness of re-refined products
 - Mandatory recycled content
 - Incentive on product
3. Increase closed-loop capacity
 - Ease permitting procedures
 - Incentive for production



Proposal

- Propose that 7 GPM discuss the compilation of a “best practice” document and set of tools/templates for used oil handling at the country level
- Ideally, such best practices should include Life Cycle Analysis methodologies (LCA’s)
- If PCFV does not handle this issue on a global basis – then who will?