

Challenge

Developing, creating and implementing a world class lubrication and fluid management program at a global leader in the food processing industry.

Issue:

Inefficient lubrication program, insufficient oil storage facilities, inadequate oil analysis program, and misapplication of products – all resulting in the use of excessive SKUs and lubricant brands, equating to excessive overall lubrication spend.

- 3% of a typical maintenance budget is devoted to lubrication
- Generally 25% of maintenance budget is devoted to repairs of lubrication related failures

Goal:

Working in concert with our client in the implementation of a world class, top-tier lubrication management program by using each of the following to support the effort:

Vision Alignment – goals to ensure everyone from management to maintenance to procurement is seeking the same end result.

Optimization of resources.

Alliances between internal departments, the distribution partner and the lubrication manufacturer.

Integration and consolidation of products to ensure the right lubricant is being used in the right place.

Oil Analysis for preventative and predictive maintenance. (action plan to begin soon)



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CASE STUDY



Beef Processing



Current Lubricant	Size	Lubri-Loy Interchange	Lubri-Loy Catalog #
BULK OILS			
Lubra-Tech ISO 460 FG	55 Gallon Drum	Gear Oil Food Grade H1, ISO 460	GOH1-460
Lubra-Tech ISO 680	55 Gallon Drum	Industrial EP Gear Oil, ISO 680	GO-680
Mobil SHC 634	55 Gallon Drum	Industrial EP Synthetic Gear Oil, ISO 460	GO-460
Lubra-Guard ISO 68	55 Gallon Drum	AW Hydraulic Fluid, ISO 68	HFAW-068
Lubra-Guard ISO 46	55 Gallon Drum	AW Hydraulic Fluid, ISO 46	HFAW-046
Lubra-Tech ISO 90 FG	55 Gallon Drum	Industrial EP Gear Oil, ISO 220	GOH1-220
Lubra-Tech ISO 320	55 Gallon Drum	Industrial EP Gear Oil, ISO 320	GO-320
Lubra-Tech ISO 150	55 Gallon Drum	Industrial EP Gear Oil, ISO 150	GO-150
Lubra-Tech ISO 220	55 Gallon Drum	Industrial EP Gear Oil, ISO 220	GO-220
Rotella T Engine Oil SAE 30	55 Gallon Drum	Automotive Engine Oil Monograde, SAE 30	AEO-30
Comma Fluid Synthetic ISO 32 Rotary Compressor Oil	55 Gallon Drum	Compressor Oil Synthetic, ISO 32	COS-032

*We are changing to Synthetic 220 for all 220 applications

Solution

Using Lubri-Loy's Fluid Management Program to institute Lubrication Best Practices to extend the life of equipment, reduce maintenance costs and create the most efficient lubrication environment possible.

Corrective measures implemented by Lubri-Loy:

Conducted initial lubrication audit to identify current products, usages and problematic applications.

Based on initial survey, created detailed lubrication cross-over documentation to contrast previous lubricants vs. improved, proper equivalents.

Through research at facility and discussion with maintenance as well as equipment OEMs, pinpoint incorrect lubrication practices and implement correct lubrication procedures.

Research, design and implement wall charts and equipment tags to ensure the proper lubricants are applied in various pieces of equipment.

Implement customized, fully labeled and color-coded IFH Fluid Handling System to properly and safely manage fluids and prevent contamination.



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Cost Savings Description and Results - Thus Far:

Plant survey and research 4 hours @ \$150 per hour=	\$600
Lubrication Audit result chart development and lamination, development of color coded tags and tagging entire facility	\$5,600
(8 hours times 4 people times \$150 per hour) Additional Plant Labor= 30 hours * \$150 =	\$5,500
Tag Cost=	\$800
SKU Reduction-	40%
Overall manufacturer reduction	15 to 1
Labor for setup of IFH system 44 hrs times \$150 per hour=	\$6,600
IFH system implementation – resulting in increased storage capability, decreased space footprint, safety, time and contamination control System Cost with 3 Year Agreement (additional items not yet quantified)	\$9,800
Oil analysis program - 289 samples	\$111,265
TOTAL	\$140,165

Abnormal Samples Problem Category Break-down

