

WILLIAMSON COUNTY BID FORM

FLUIDS AND GREASE

BID NUMBER: 10WCA012 A

NAME OF BIDDER: Arnold Oil Company of Austin

Mailing Address: 1617 East 6th Street

City: Austin State: Texas Zip: 78702

Email Address: atemple@arnoldoil.com

Telephone: (512) 476-2401 Fax: (512) 476-7711

ITEM #	DESCRIPTION	PRICE PER 55 GALLON DRUMS	PRICE PER 5 GALLON PAIL	PRICE PER 1 GALLON CASE LOT	# GALLONS PER CASE	PRICE PER 1 QUART CASE LOT	# QUARTS PER CASE
1	15W40 CJ4 Engine Oil for Diesel	\$428 ⁵⁵	\$42 ³⁸	\$11 ²²	3	N/A	N/A
2	10W30 Engine Oil for Gas Engines	\$491 ⁸⁰	\$60 ³²	N/A	N/A	\$2 ⁸³	12
3	Hydraulic Fluid, AW 68 20W20	\$363 ⁴⁰	\$36 ⁴⁶	N/A	N/A	N/A	N/A
4	Gear Oil, 80W90 API GL-5	\$470 ²⁹	\$46 ¹⁷	N/A	N/A	N/A	N/A
5	Extended Life Antifreeze/Coolant Mixture 50/50 Global Formula Automotive	\$508 ³⁷	N/A	\$94 ⁹⁸	6	N/A	N/A
6	Universal Tractor Fluid	\$383 ⁶⁴	\$38 ³⁰	N/A	N/A	N/A	N/A
7	Extended Life Antifreeze/Coolant Mixture 50/50 Global Formula Heavy Duty	\$430 ⁵⁰	N/A	\$80 ⁰⁶	6	N/A	N/A
8	Transmission/Drive Train Oil 30 WT	\$437 ³⁵	\$38 ⁷⁰	N/A	N/A	N/A	N/A
9	Transmission/Drive Train Oil 50 WT	\$453 ⁷⁵	\$44 ⁶⁸	N/A	N/A	N/A	N/A
10	Synthetic Transmission Oil HP 50	\$1424 ⁶²	\$128 ⁴³	N/A	N/A	N/A	N/A
11	5W-20 Synthetic Engine Oil for Gas Engines	\$510 ²⁴	N/A	N/A	N/A	\$2 ⁹⁰	12
12	Synthetic Blend Mercon V	\$640 ⁹⁸	N/A	\$60 ⁵⁵	4	\$3 ⁰³	12
		PRICE PER CARTRIDGE	PRICE PER CASE	# CARTRIDGE PER CASE			
13	Grease	\$2 ²³	\$22 ³⁰	10			
		PRICE PER 55 GALLON DRUMS	PRICE PER 5 GALLON PAIL	PRICE PER 1 GALLON CASE LOT	# GALLONS PER CASE	PRICE PER 1 QUART CASE LOT	# QUARTS PER CASE
14	Synthetic Gear Oil ISO 220	\$1126 ⁶⁶	\$120 ⁴²	N/A	N/A	N/A	N/A
15	Anti-wear Hydraulic Fluid ISO 46	\$363 ⁴⁰	\$36 ⁴⁶	N/A	N/A	N/A	N/A
16	TransSynd Transmission Fluid	\$1574 ⁵³	\$153 ²¹	N/A	N/A	N/A	N/A

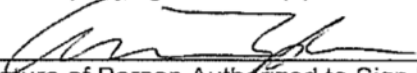
PLEASE MAKE A STATEMENT AS TO YOUR DELIVERY AND HOT SHOT CAPABILITIES.

Delivery will be made within 3 days of order placement, hot shot deliveries
are available during normal business hours of 8:00am and 5:00pm.

By signing this form:

- The bidder confirms that he/she has read the entire document and agrees to the terms herein.
- The bidder is acknowledging the Conflict of Interest Clause and agrees to follow necessary requirements

The undersigned, by his/her signature, represents that he/she is authorized to bind the bidder to fully comply with the terms and conditions of the attached Invitation for Bid, Specifications, and Special Provisions for the amount(s) shown on the accompanying bid sheet(s).


Signature of Person Authorized to Sign BID

Date of BID: 7/26/2010

Printed Name and Title of Signer: Andrew Temple Contract Administrator

DO NOT SIGN OR SUBMIT WITHOUT READING ENTIRE DOCUMENT

THIS FORM MUST BE COMPLETED, SIGNED, AND RETURNED WITH BID

Listed below are the product descriptions and specification charts. In the column marked bidder limits, state your products maximum and minimum performance capabilities.

1. 15W40 ENGINE OIL FOR DIESEL

Shall be a superior all-season multi-grade formulation suitable for use in all foreign and domestic diesel engines, naturally aspirated or turbocharged Oil shall be formulated with detergents, dispersants, and sufficient alkalinity in order to provide superior performance in diesel engines. The oil shall be effective in maintaining low oil consumption and low concentrations of deposits on the pistons.

This Motor oil must meet or exceed the current Performance Capabilities of:

Caterpillar ECF-2;ECF-3 MTU CATEGORY 2
Cummins CES 20081,20078 MAN 3275
DDC POWER GUARD 93K218 ACEA E7
MACK EO-O PREMIUM PLUS 07 MACJ EO-O
VOLVO VDS-4
RENAULT RLD-3

This Oil must meet or exceed the requirements of API CJ-4;CI-4 PLUS;CI-4;
CH-4; CG-4; CF;SM,SL,SJ

	Properties		Bidder Properties	
Gravity API	29.1		29.1	
Flash Point Degrees C/ F	210 (410)		210(410)	
Viscosity at 100 degrees C	15.4		15.4	
Viscosity at 40 degrees C	117		117	
Viscosity Index	138		138	
Pour Point Degrees C/ F	-32 (-25)		-32	
Sulfated Ash %	.96		.96	
TBN (Total Base No.) ASTM D 2896	8.0		8.0	

2. 10W30 ENGINE OIL FOR GAS ENGINES

Shall be a premium high detergent formulation of select additives and designed to provide exceptional engine protection over a wide range of operating temperatures and driving conditions. Shall be proven to help conserve fuel (Energy Conserving II). Permit easier cold weather start-ups. Provide anti-wear protection, rust and corrosion inhibition, and anti-scurf protection, promotes engine cleanliness and minimizes oil consumption.

This Motor oil must meet or exceed the current Service Categories of:

API SL; also exceed the requirements for API SJ and Obsolete category SH.

This Oil must also meet the requirements of the API Engine Lubrication Certification Mark for ILSAC GF-3.

This Oil must be classified as Energy Conserving.

Properties	Maximum	Minimum	Bidder Limits	
			Maximum	Minimum
Gravity API	29.3	28.5	29.3	28.5
Flash Point Degrees F	451	445	451	445
Viscosity cST at 100 degrees C	10.2	9.2	10.2	9.2
Viscosity cST at 40 degrees C	68	66	68	66
Viscosity Index	137	135	137	135
Low Temp Cranking ASTM D 5293 (F)	-13	-12	-13	-12
Low Temp Pumping ASTM D 4684 (F)	-22	-20	-22	-20

3. HYDRAULIC FLUID, AW 68 20W20

This lubricant shall be a highly refined, fully inhibited type product for applications demanding full and long-life protection to equipment. This oil will be used in circulation, splash, bath, and ringed oil systems supplying bearings and gears of industrial machinery and as the fluid media in hydraulic systems. This high-quality chemically stable base oil shall include the improvers of anti-oxidants, rust and corrosion inhibitors, anti-foam and anti-wear agents that contain a minimum 1000 parts per million of zinc.

This Hydraulic Fluid must be **approved** against the stringent performance requirements of:

Cincinnati Machine P-69

Denison HF-O

Vickers M-2950-S and I-286-S

Properties:	Maximum	Minimum	Bidder Limits	
			Maximum	Minimum
Gravity API	29.3	28	29.3	28
Flash Point Degrees F	468	450	468	450
Viscosity cST at 100 degrees C	8.5	8.5	8.5	8.5
Viscosity cST at 40 degrees C	68	68	68	68
Viscosity Index	95	95	95	95
Oxidation Test ASTM D 943 Hrs.	unlimited	3500	Unlimited	3500

4. GEAR OIL, 80W90 API GL-5

This gear oil shall be formulated with high viscosity index, thermally stable lube stocks, and a highly effective sulphur-phosphorus extreme pressure, anti-wear, anti-scuff, anti-weld additive system. This lubricant shall maintain its viscometric properties throughout its useful life.

This Gear Oil must meet or exceed the performance requirements of:

Military Specification MIL-L-2105D and MIL-PRF-2105E.

API GL5 and MT-1

Mack GO-J

Properties	Maximum	Minimum	Bidder Limits	
			Maximum	Minimum
Gravity API	27	26	27	26
Flash Point Degrees F	448	435	448	435
Viscosity cST at 100 degrees C	14.7	14.5	14.7	14.5
Viscosity cST at 40 degrees C	148	145	148	145
Viscosity Index	98	95	98	95
Pour Point ASTM D 97 Degrees (F)	-27	-25	-27	-25
Foam Test ASTM D 892	Pass	Pass	Pass	Pass
Copper Corrosion ASTM D 130	Pass	Pass	Pass	Pass

**5. EXTENDED LIFE ANTIFREEZE/COOLANT MIXTURE
50/50 GLOBAL FORMULA/AUTOMOTIVE**

Must be a pre-diluted 50/50 mixture.

Must be an advanced organic acid technology.

Must be able to mix with all other antifreeze colors without harm.

Must be capable of providing total cooling system protection for 5 years/150,000 miles.

This Antifreeze/Coolant must meet or exceed the Licensing Requirements and Performance Requirements of:

AUTOMOTIVE

ASTM D-3306

FORD WSS-M97B44-D

ASTM D-4340

FORD WSS-M97B51-A1

GM 1825M (Aluminum)

SAE J1034

GM 6277M (Dex-Cool Spec)

JASO M325

CHRYSLER MS7170

JIS K 2234

CHRYSLER MS9769

FVW HEFT R443

FORD ESE-M97B44-A

Properties	Maximum	Minimum	Bidder Limits	
			Maximum	Minimum
Specific Gravity at 60 degrees F	1.13	1.12	1.13	1.12
Flash Point, COC	250 F	250 F	250F	250F
Boiling Point, Reflux	325 F+	325 F	325F+	325F
Ph, 50% Volume Solution	10.0 Max	7.5 Min.	10.0 Max	7.5 Min

6. UNIVERSAL TRACTOR FLUID

This lubricant shall be a fully approved transmission/hydraulic oil for farm and industrial tractors and construction equipment. This fluid shall be a blend of highly refined base stocks selected for their inherent thermal stability with a premium additive package and high active rust, corrosion and oxidation inhibitors; all in a balanced performance package to insure lubricity, wear protection, compatibility with seals, O-rings, and packing materials, oxidation stability and water tolerance. Lubricant must provide the correct friction and heat transfer characteristics for chatter free operation of the tractor wet brakes and smooth engagement of the power take off clutch.

This Tractor Hydraulic Fluid must be intended for hydraulic and transmission oil applications for tractors and implements where the following are recommended:

Agco-Allis

Allis Chalmers PF 821 XL

Allison C-3

Belarus

David Brown

Case New Holland (CNH) MS-1204;MS-1205;MS-1206; MS-1207 (HY-Tran Plus);MS-1209;MS-1210(TCH)

B-6,TFD;Hi-Vis

Caterpillar TO-2

John Deere Quatrol,J20 A,J20 C;Hy-Gard J14 B/C, Type 303

Deutz-Allis HTF

Ford New Holland M2C134-A/B/C/D; M2C86-B/C

Hesston and Hesston Fiat AF-8T

International Harvester B-6 (Hy-Tran)

Kiota

Komatsu

Kubota

Massey Ferguson M1110,M1127 B,M1129 A, M1135, M1141

Mitsubishi

Oliver Type 55

Valmet

White farm Equipment Q1705,Q1722,Q1766B,(UHTF) Q1802,Q1826

Hydraulic System Mfgs: Denison HF-1, HF-2, Eaton Hydraulics;
Vickers I-2986-S, M-2950-S
Sauer-Sunstrand Hydraulics

Properties	Maximum	Minimum	Bidder Limits	
			Maximum	Minimum
Gravity API	28.4	28	28.4	28
Flash Point Degrees F	450	440	450	440
Viscosity cST at 100 degrees C	9.2	9	9.2	9
Viscosity cST at 40 degrees C	57.2	57	57.2	57
Viscosity, cP at -4 degrees F	5,500	5,500	5,500	5,500
Viscosity, cP at -29 degrees F	70,000	70,000	70,000	70,000
Viscosity Index	143	140	143	140
Pour Point ASTM D 97 Degrees (F)	-50	-40	-50	-40
Foam Test ASTM D 892	Pass	Pass	Pass	Pass

**7. EXTENDED LIFE ANTIFREEZE/COOLANT MIXTURE
50/50 GLOBAL FORMULA/HEAVY DUTY**

Must be a 50/50 mixture of coolant and deionized water

Must be an advanced organic acid technology

Must be able to mix with conventional antifreeze

Must be silicate, nitrite and phosphate free

Must be a long life formula capable of delivering total cooling system protection for 300,000 miles of on-road use (3 years/6,000 hours off highway) or 600,000 miles of on road use (6 years/12,000 hours off highway use) with use of an extender.

This Antifreeze/Coolant must meet or exceed the Licensing Requirements and Performance Requirements of:

HEAVY DUTY

CAT EC1

ASTM D-6210-98

GM 1899M

CUMMINS 90T8-4

DETROIT DIESEL 7SE298

MACK TRUCK

JOHN DEERE H24A1, H24C1

NAVISTAR B1

INTERNATIONAL

Properties	Maximum	Minimum	Bidder Limits	
			Maximum	Minimum
Specific Gravity at 60 degrees F	1.145	1.11	1.145	1.11
Freezing Point	Minus 36F	Minus 34F	-36F	-34F
Boiling Point, Reflux	338F	300F	338F	300F
Ph, 50% Volume Solution	11.0 Max	7.5 Min.	11.0	7.5
Chloride, PPM	25	20	25	20

8. TRANSMISSION/DRIVE TRAIN OIL (30WT)

This oil shall meet the stringent performance requirements of power shift transmissions, final drives, and wet-disc brakes typically found in equipment manufactured by Caterpillar and Allison.

This Transmission and Drive Train Fluid must meet the Licensing Requirements and Performance Requirements of:

Cat TO-4

Allison C-4

Komatsu Micro Clutch

This fluid must be formulated to meet the performance requirements of:

Allison C-4 - SAE 30W

Caterpillar TO-4, CD/TO-2

Komatsu Micro-Clutch

Properties	Maximum	Minimum	Bidder Limits	
			Maximum	Minimum
Gravity API	27	26	27	26
Flash Point Degrees F	495	450	495	450
Viscosity cST at 100 degrees C	11	10.5	11	10.5
Viscosity cST at 40 degrees C	99	95	99	95
Viscosity Index	98	95	98	95
Pour Point ASTM D 97 Degrees (F)	-6	0	-6	0
Sulfated Ash	1.7	1.5	1.7	1.5
Zinc, m%	0.11	0.1	0.11	0.1

9. TRANSMISSION/DRIVE TRAIN OIL (50WT)

This Transmission and Drive Train Fluid must meet the Licensing Requirements and Performance Requirements of:

Cat TO-4 OR TO-4M

Allison C-4

	Properties				Bidder Properties	
Gravity API	29.7				29.7	
Flash Point Degrees C/F	270/518				270/518	
Viscosity cST at 100 degrees C	14.0				14.0	
Viscosity cST at 40 degrees C	106				106	
Viscosity Index	134				134	
Pour Point C/F	-39 (-38)				-39	

10. SYNTHETIC TRANSMISSION OIL (HP50)

This oil shall be a synthetic lubricant for heavy-duty manual transmissions, with or without synchronizers. This oil shall be a SAE 50 that meets API MT-1, GL-3, and Eaton PS-081 specifications. The oil shall be recommended for Classes 6, 7, and 8 manual transmission built by Eaton Corp. (Fuller Division), Dana Corp. (Spicer Division).

This Synthetic Transmission Fluid must meet or exceed the Licensing Requirements and Performance Requirements of:

Meritor (Rockwell) O-81

MIL-L-2104D, MIL-L-46152B

Mack TO-A Plus

This fluid must be formulated to meet or exceed the performance requirements of:

Allison C-4 - SAE 30W

Caterpillar TO-4, CD/TO-2

Komatsu Micro-Clutch

Properties	Maximum	Minimum	Bidder Limits	
			Maximum	Minimum
Flash Point Degrees F	401+	385	401+	385
Viscosity cST at 100 degrees C	18	17	18	17
Viscosity cST at 40 degrees C	135	130	135	130
Viscosity Index	149+	140	149+	140
Pour Point ASTM D 97 Degrees (F)	-40	-35	-40	-35

11. 5W-20 SYNTHETIC BLEND ENGINE OIL FOR GAS ENGINES

Shall be manufactured with high viscosity index, premium quality, synthetic / hydroprocessed base oils and specially designed performance additives, which help minimize engine deposits and wear, protect against high temperature oxidation, low temperature gelling, rust and corrosion and foaming.

This Motor oil must meet or exceed the current Service Categories of:

API SL; also exceed the requirements for API SJ and Obsolete category SH.

This Oil must also meet or exceed the requirements of the Ford WSS-M2C930-A Specification and ILSAC GF-4.

This Oil must be classified as Energy Conserving.

	Properties	Bidder Limits	
		Maximum	Minimum
Specific Gravity @ 60 Deg.F	0.861	0.861	
Flash Point Degrees C/F	224/435	224/435	
Viscosity cST at 100 degrees C	8.7	8.7	
Viscosity cST at 40 degrees C	50	50	
Viscosity Index	164	164	

12. SYNTHETIC BLEND MERCON V

This oil shall be a premium synthetic blend Automatic Transmission Fluid engineered to meet manufacturer's warranty requirements for General Motors DEXRON III and Ford MERCON AND MERCON V specifications. It shall be formulated to provide better flow properties for smooth shifting performance, superior high and low temperature protection for extreme operating conditions, enhanced anti-shudder protection that makes it superior to the conventional type ATF fluids/specifications. This oil shall meet or exceed General Motors DEXRON III, DEXRON III-G, DEXRON IIE, AND DEXRON, Ford MERCON AND MERCON V

This Transmission Fluid must meet or exceed the Licensing Requirements and Performance Requirements of:

Ford Mercon V
GM Dexron-III
Allison C-4

This Transmission Fluid must meet or exceed the requirements of Dexron-IIE, Dexron-II, Dexron and Type "A" Suffix "A" fluids.

Properties	Maximum	Minimum	Bidder Limits	
			Maximum	Minimum
Gravity API	31.9	31	31.9	31
Flash Point Degrees F	370	365	370	365
Viscosity cST at 100 degrees C	7.3	7	7.3	7
Viscosity cST at 40 degrees C	33	32	33	32
Viscosity Index	195	190	195	190
Brookfield Viscosity at -20C	950	950	950	950
Brookfield Viscosity at -40C	12,000	12,000	12,000	12,000
Color	Red	Red	Red	Red

13. GREASE

Grease must be a EP2 multipurpose lithium complex grease with molybdenum. MPGM is a general purpose lithium complex grease strengthened with a molybdenum disulfide and with a high molecular weight polymer. MPGM shall contain unleaded additives, anti-wear inhibitors, inhibitors for oxidation, and corrosion inhibitors. This product shall meet the NLGI certification of "GC-LB". The grease shall be NLGI grade 2 and shall contain 3% to 5% molybdenum. Timken OK Load, kg 22; 4 Ball Wear Scar, mm 0.65; 4 Ball Weld Load, Kg 250, are minimum requirements. Caterpillar spec AARM-929 69 for 3% molly

This Lithium Complex Grease must have a minimum of 3% Molybdenum Disulfide.

This grease must be an NLGI #2

Properties	Maximum	Minimum	Bidder Limits	
			Maximum	Minimum
Texture	Adhesive	Adhesive	Adhesive	Adhesive
Penetration, ASTM D 217, 60 strokes	295	265	295	265
Four Ball EP Weld, ASTM D 2596. Kgs	400+	400	400+	400
Load Wear Index, Kgf	64	63	64	63
Four-Ball Wear, mm Scar, ASTM D 1743				
40 kgs. Load	0.4	0.4-	0.4	0.4-
Rust Prevention Test ASTM D 1743	Pass	Pass	Pass	Pass
Water Resistance 175 degrees F				
ASTM D 1264 % Loss	2	2.0 or less	2	2
Dropping Point, ASTM D 2265, degrees F	500+	500	500+	500

14. SYNTHETIC GEAR OIL ISO 220

This oil must be a high performance synthetic lubricant that provides maximum wear protection, oxidation control, thermal stability, maximum deposit control, and outstanding anti wear properties in industrial gear, off highway, and construction applications.

This Synthetic Gear Oil must meet or exceed the Licensing Requirements and Performance Requirements of:

AGMA EP 220

Properties	Maximum	Minimum	Bidder Limits	
			Maximum	Minimum
Gravity API	33	33	33	33
Flash Point Degrees F	442+	430	442	430
Viscosity cST at 100 degrees C	25.6	25	25.6	25
Viscosity cST at 40 degrees C	220.8	220	220.8	220
Viscosity Index	148	140	148	140
Pour Point ASTM D 97 Degrees (F)	-32	-29	-32	-29
Timken OK Load (LBS)	75+	75	75	75

15. ANTI-WEAR HYDRAULIC FLUID ISO 46

Fluid must exhibit optimum flow characteristics and resistance to shearing and viscosity loss, provide maximum anti-wear protection for high pressure vane, piston, and gear type pumps, and possess an additive system to help neutralize the formation of corrosive materials.

This Hydraulic Fluid must be approved against the stringent performance requirements of:

Cincinnati Machine P-69

Denison HF-O

Vickers M-2950-S and I-286-S

Properties	Maximum	Minimum	Bidder Limits	
			Maximum	Minimum
Gravity API	30.4	30	30.4	30
Flash Point Degrees F	468	450	468	450
Viscosity cST at 100 degrees C	7.86	7.2	7.86	7.2
Viscosity cST at 40 degrees C	46	46	46	46
Viscosity Index	141	120	141	120
Oxidation Test ASTM D 943 Hrs.	unlimited	2400	Unlimited	2400
Shear stability	0.5	0.5	0.5	0.5

16. TRANSSYND TRANSMISSION FLUID

This fluid shall be a premium synthetic universal power shift and automatic transmission fluid that is engineered to provide excellent thermal and oxidation stability to resist deposit formation. Formulated with high viscosity index synthetic base fluids for extreme temperature ranges. Must provide excellent shear stability, corrosion, and foaming resistance. This transmission fluid must be approved by Allison Transmission for warranty use.

This fluid must meet or exceed the Licensing Requirements and Performance Requirements of:

Allison TES 295

Allison C-4

Dexron III

Voith Transmission

ZF Transmission Requirements

Mercon

Properties	Maximum	Minimum	Bidder Limits	
			Maximum	Minimum
Gravity ATM D-287 @ 60F	0.845	0.845	0.845	0.845
Flash Point Degrees F	475	455	475	455
Viscosity cST at 100 degrees C	7.35	7.25	7.35	7.25
Viscosity cST at 40 degrees C	37.7	37	37.7	37
Viscosity Index	165	165	165	165
Pour Point ASTM D 97 Degrees (F)	-76	-70	-76	-70

All quantities shown are **estimated quantities**. The actual quantity purchased may be more or less. The County is not obligated to purchase any minimum amount and the County may purchase any reasonable amount greater than the estimate for the same unit price.

Provided below is a list of sample items encountered in daily shop operations. The bid includes, but is not limited to these items. The purpose of this section is to establish an accurate pricing structure per bidder on parts sold over the counter.

ESTIMATED QUANTITIES					
ITEM #	DESCRIPTION	55 GALLON DRUMS	5 GALLON PAIL	1 GALLON	1 QUART
1	15W40 Engine Oil for Diesel	30		200	150
2	10W30 Engine Oil for Gas Engines	25			140
3	Hydraulic Fluid, AW 68 20W20	10	25		
4	Gear Oil, 80W90 API GL-5	6	10		
5	Extended Life Antifreeze/Coolant Mixture 50/50 Global Formula Automotive	15		240	
6	Universal Tractor Fluid	20	25		
7	Extended Life Antifreeze/Coolant Mixture 50/50 Global Formula Heavy Duty			120	
8	Transmission/Drive Train Oil 30 WT	2	20		
9	Transmission/Drive Train Oil 50 WT	4	15		
10	Synthetic Transmission Oil HP 50		20		
11	5W-20 Engine Oil for Gas Engines	20			
12	Synthetic Blend Mercon V	10			
		CARTRIDGE			
13	Grease	440			
		55 GALLON DRUMS	5 GALLON PAIL	1 GALLON	1 QUART
14	Synthetic Gear Oil ISO 220		20		
15	Anti-wear Hydraulic Fluid ISO 46		10		
16	TransSynd Transmission Fluid		10		