



OVER THE ROAD TRUCK LUBRICATION SYSTEMS

BUILT FOR THE DEMANDS OF HIGHWAY, MUNICIPALITY, WASTE HANDLING,
CONCRETE AND THE TRANSPORTATION INDUSTRY



HIGHWAY LONG HAUL TRUCKING



CONCRETE INDUSTRY



WASTE MANAGEMENT



TRANSPORTATION INDUSTRY

THE LUBRICATION SCIENTIFICS OTR LINE (OVER THE ROAD), IS A NEW CHASSIS LUBRICATION PRODUCT LINE DESIGNED FOR THE RIGOROUS DEMANDS OF THE OVER THE ROAD INDUSTRY. BUILT FOR THE DEMANDS OF HIGHWAY, MUNICIPALITY, WASTE HANDLING, CONCRETE AND THE TRANSPORTATION INDUSTRY, IT IS CONSTRUCTED OF HIGH QUALITY MATERIALS. ALL ALUMINUM BODY AND AN ALUMINUM RESERVOIR COVER, AN EXTRA THICK UV STABILIZED LEXAN RESERVOIR, MAKES THIS LINE OF PUMPS A MATCH FOR THE HARSH ENVIRONMENTS OF THESE INDUSTRIES.



THE **LPE-124** PUMP IS DESIGNED TO HANDLE THE RIGOROUS DEMANDS OF OVER-THE ROAD SERIES OF VEHICLES. RUGGED, RELIABLE, AND COMPACT IT CAN BE OPERATED BY MEANS OF AN INTEGRATED OR REMOTELY MOUNTED CONTROLLER USING TIMING OR CYCLE MONITORING TO ENSURE THE ACCURATE DELIVERY OF LUBRICANT TO THE VARIOUS BEARING POINTS. IT CAN BE EQUIPPED WITH LOW LEVEL AND OVER PRESSURE MONITORING. ACCOMMODATING UP TO 4 PUMPING UNITS AVAILABLE IN 3 DIFFERENT SIZES FOR ACCURATE CONTROL OF THE AMOUNT OF LUBRICANT DELIVERED. RESERVOIR SIZES ARE AVAILABLE IN 3.5 KG, 4 KG, 6 KG, 8 KG, AND 10 KG. AVAILABLE IN 12 OR 24 VOLTS DC

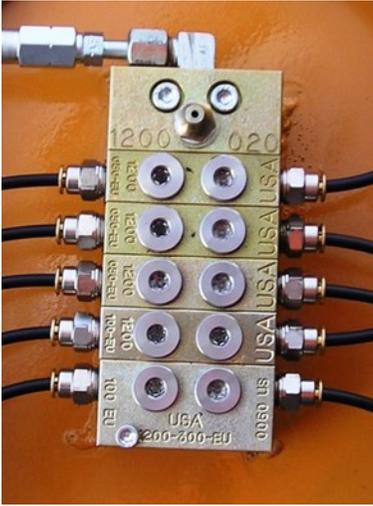
LUBRICATION SCIENTIFICS, LPE-124 PUMP



THE **LPE-ECP1** PUMP IS DESIGNED SMALL AND COMPACT FOR USE WHERE MOUNTING OF THE LARGER PUMPS ARE NOT PRACTICAL. THIS PUMP IS AN IDEAL CHOICE FOR AN ECONOMICAL ALTERNATIVE TO THE LARGER LPE-124. IT WILL ACCOMMODATE UP TO 3 PUMPING UNITS IN 3 DIFFERENT SIZES. RESERVOIRS ARE AVAILABLE IN 1.5 KG, 2.2 KG, 2.6 KG, AND 2.8 KG. AVAILABLE WITH AN INTEGRATED OR REMOTELY MOUNTED CONTROLLER THAT CAN BE PROGRAMMED TO DELIVER ACCURATE AND TIMELY AMOUNTS OF LUBRICANT TO THE VARIOUS LUBRICATION POINTS.

LPE-ECP1 PUMP

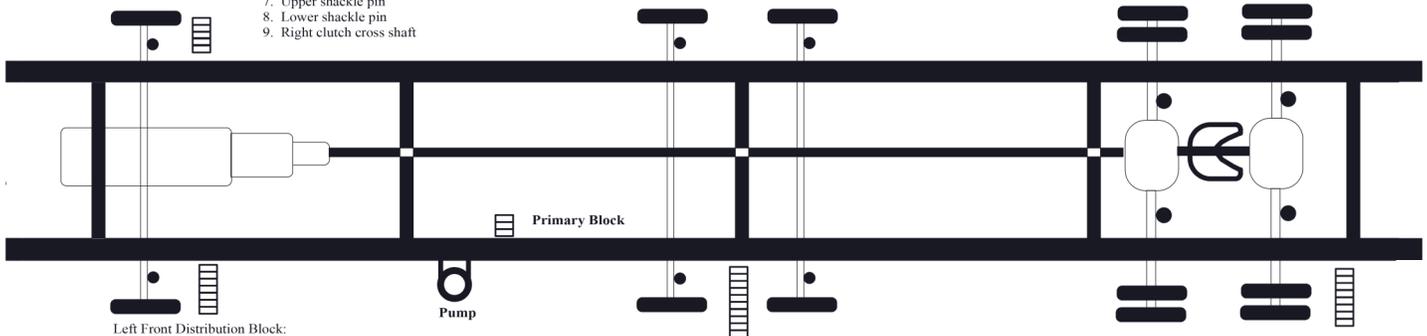
LUBRICATION SCIENTIFICS ORFL SERIES PROGRESSIVE DISTRIBUTION BLOCKS ARE THE NEWEST GENERATION OF SERIES PROGRESSIVE VALVES ON THE MARKET. AVAILABLE IN PLATED STEEL AND 303 STAINLESS STEEL FOR AGGRESSIVE ENVIRONMENTAL CONDITIONS. THEY FEATURE INTERNAL CHECK VALVES ON EACH OUTLET TO REDUCE THE OVERALL BACK PRESSURES NEEDED TO OPERATE A DISTRIBUTION VALVE. IN THE EVENT EXTRA LUBRICATION IS NEEDED A BYPASS FITTING IS INSTALLED AT THE TOP OF EACH ASSEMBLY WHICH CAN ALSO BE USED TO BYPASS THE PUMP. **UNLIKE OTHER LUBRICATION SYSTEMS THIS ALLOWS THE CHASSIS TO BE LUBRICATED IN THE EVENT OF A PUMP OR ELECTRICAL FAILURE.** DISTRIBUTION AMOUNTS OF .025CC, .050CC, .075CC, .100CC, .125CC, .150CC, AND .175CC OF THESE VALVES OFFER THE ABILITY TO INCLUDE DIFFERENT SIZE COMPONENT REQUIREMENTS TO BE INCLUDED IN THE SAME DISTRIBUTION BLOCK ASSEMBLY.



THESE VALVES ARE MADE WITH PRIDE IN THE USA.

Right Front Distribution Block:

1. Spring pin
2. Tie rod end
3. Lower king pin
4. S-Cam
5. Slack adjuster
6. Upper king pin
7. Upper shackle pin
8. Lower shackle pin
9. Right clutch cross shaft



Left Front Distribution Block:

1. Spring pin
2. Steering gear bearing
3. Front drag link
4. Rear drag link
5. Tie rod end
6. Lower king pin
7. S-Cam
8. Slack adjuster
9. Upper king pin
10. Upper shackle pin
11. Lower shackle pin
12. Left clutch cross shaft
13. Throw-out bearing

Optional Drop Axle distribution Block:

- | | |
|-------------------------|-------------------------|
| Left Side: | Right Side: |
| 1. Front tie rod end | 1. Front tie rod end |
| 2. Front lower king pin | 2. Front lower king pin |
| 3. Front S-Cam | 3. Front S-Cam |
| 4. Front slack adjuster | 4. Front slack adjuster |
| 5. Front upper king pin | 5. Front upper king pin |
| 6. Rear tie rod end | 6. Rear tie rod end |
| 7. Rear lower king pin | 7. Rear lower king pin |
| 8. Rear S-Cam | 8. Rear S-Cam |
| 9. Rear slack adjuster | 9. Rear slack adjuster |
| 10. Rear upper king pin | 10. Rear upper king pin |

Rear Axle Distribution Block:

1. Left drive axle S-Cam
2. Left drive axle slack adjuster
3. Left tag axle S-Cam
4. Left tag axle slack adjuster
5. Right drive axle S-Cam
6. Right drive axle slack adjuster
7. Right tag axle S-Cam
8. Right tag axle slack adjuster
9. Left lower 5th wheel
10. Left upper 5th wheel
11. Right lower 5th wheel
12. Right upper 5th wheel

Customer Service (877-452-0157)

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READY FOR IMMEDIATE SHIPMENT

MADE IN



LUBRICATION SCIENTIFICS, LLC

17651 ARMSTRONG AVE.

IRVINE, CA 92614

UNITED STATES OF AMERICA

TOLL FREE TEL: (877) 452-0157, LOCAL TEL: (714) 557-0664, FAX: (714) 546-4564

WWW.LUBRICATIONSCIENTIFICS.COM