

## EnviroFuels LTP Data Sheet

(LTP = Lubricant Technology Package)

### Product Description

EnviroFuels LTP (LTP) is a zinc and chlorine-free, patented lube oil treatment that improves performance and protection of engines. The surface conversion mechanism forms an inorganic polymer complex on the surface of ferrous and non-ferrous metal surfaces, which smooth and passivate the surface improving reflectivity (emissivity) and reducing oxygen reactivity, resulting in a more complete combustion. This surface conversion can also reduce friction between metal surfaces which can increase component life and reduce fuel consumption.

### Applications

LTP is compatible with engine oils that meet the requirements of API CJ-4. LTP is to be mixed with engine lube oil. The recommended normal treat ratio of LTP-to-lube oil is 1:125.

### Typical Properties & Benefits

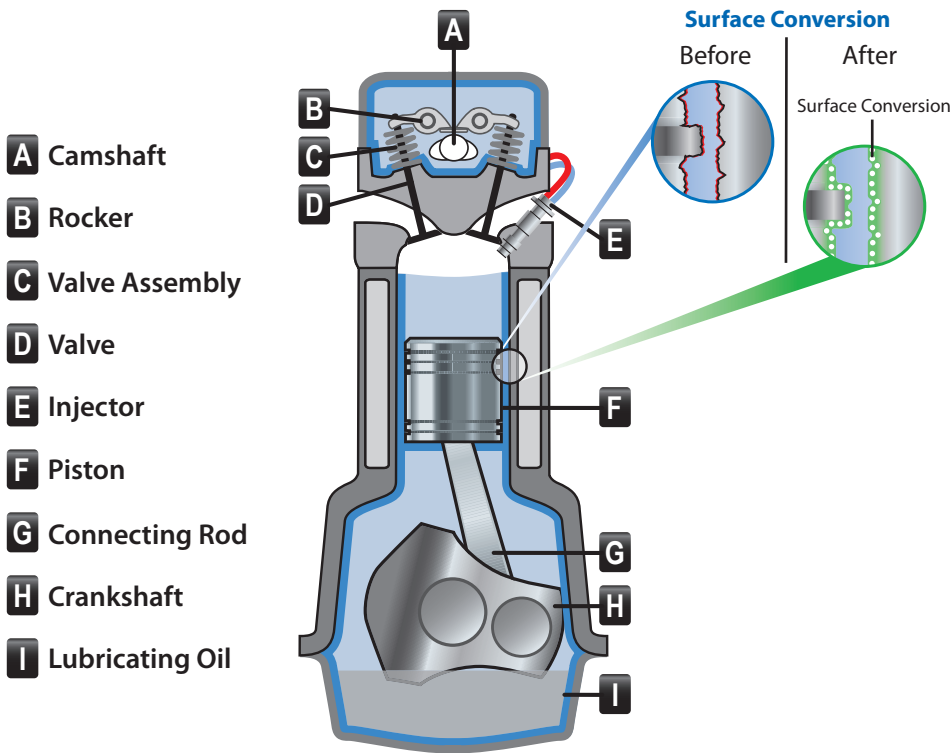
- » Viscosity @ 40° C, 85 - 95 cSt
- » Viscosity @ 100° C, 11 - 12 cSt
- » Flash point > 220° C (430° F)
- » Pour point of -40° C (-40° F)
- » Density of 7.1 lbs/gal
- » Non-hazardous
- » Contains no zinc, chlorine, alcohol, or heavy metals
- » Reduces lube oil consumption
- » Minimizes carbon deposits and surface varnishing
- » Increases oil change life-cycle
- » Extends component life-cycle

Refer to Material Safety Data Sheet (MSDS) for storage and handling precautions.

For more information, call 1-877-402-9600, 1-713-821-9600, or visit [www.envirofuelsllc.com](http://www.envirofuelsllc.com).

When EnviroFuels LTP (LTP) is added to lube oil...

...it creates a friction and oxidation reducing surface conversion.

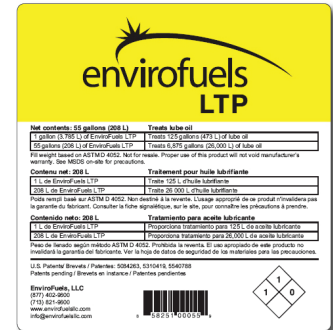


The **Surface Conversion** mechanism forms an inorganic polymer complex on the surface of ferrous and non-ferrous metal surfaces which smooth and passivate the surface improving reflectivity (emissivity) and reducing oxygen reactivity resulting in a more complete combustion. This surface conversion can also reduce friction between metal surfaces which can increase component life and reduce fuel consumption.

# EnviroFuels LTP Reference Guide

## EnviroFuels LTP Treatment Schedule

EnviroFuels LTP (LTP) is a lube oil treatment technology that is splash blended into the lube oil bulk tank or crankcase. LTP should be added whenever new lube oil is added. Depending on operating procedures or engine type, it may be necessary to drain oil to allow for the addition of LTP.



Sample packaging label

## Initial Treatment

During initial treatment it is recommended that LTP be added to both the crankcase and lube oil bulk tank (if applicable). The initial treatment rate of LTP-to-oil is 1:32.

| EnviroFuels LTP (liters) | Lube Oil Treated (liters) |
|--------------------------|---------------------------|
| 1                        | 32                        |
| 2                        | 64                        |
| 3                        | 96                        |
| 4                        | 128                       |
| 5                        | 160                       |
| 10                       | 320                       |

## Maintenance Treatment

Upon every subsequent oil change, the maintenance treatment ratio of LTP-to-oil is 1:125.

| EnviroFuels LTP (liters) | Lube Oil Treated (liters) |
|--------------------------|---------------------------|
| 1                        | 125                       |
| 2                        | 250                       |
| 3                        | 375                       |
| 4                        | 500                       |
| 5                        | 625                       |
| 10                       | 1,250                     |

## Storage & Handling Precautions

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