



## MOBILE OIL ANALYSIS REPORT

CONTAMINATION  
OIL CONDITION  
WEARNORMAL  
NORMAL  
NORMAL

## JONS TRUCK - New (Unused) Oil

Unit Make : FORD  
 Unit Model : F-350  
 Comp Make : POWERSTROKE  
 Comp Model : 7.3L DIESEL  
 Serial No : {n/a}  
 Cust. Ref No. : {n/a}  
 Stub No. : KL-M081847  
 Date Rec'd : Mar 2, 2005  
 Sample Date : Mar 1, 2005  
 Diagnostician : Doug Bogart

## RECOMMENDATION

This is a baseline read-out on the submitted sample.

| Sample Date   | Current | UOM |
|---------------|---------|-----|
| Time on Unit  | 178000  | hrs |
| Time on Oil   | 0       | hrs |
| Time on Fltr  | 0       | hrs |
| Oil Maint.    | n/a     | --- |
| Filter Maint. | n/a     | --- |

## CONTAMINATION

| Sample Date | Current | Abn   |
|-------------|---------|-------|
| Silicon     | 9.1     | ---   |
| Potassium   | 15      | ---   |
| Water (%)   | <0.1    | ---   |
| >2µm        | 1925    | ---   |
| >5µm        | 138     | 1300  |
| >15µm       | 10      | 160   |
| >25µm       | 2       | ---   |
| >50µm       | 0       | ---   |
| >100µm      | 0       | ---   |
| ISO 4406    | 14/10   | 17/14 |

## OIL CONDITION

Oil Type: 15 QTS of SHELL ROTELLA T 15W40

The viscosity index is 139.

| Sample Date | Current | Base |
|-------------|---------|------|
| Boron       | 0.1     | 316  |
| Barium      | 0.6     | 0.0  |
| Calcium     | 4131    | 2292 |
| Magnesium   | 13      | 24   |
| Molybdenum  | 0.0     | 1.2  |
| Phosphorus  | 1413    | 1064 |
| Sulfur      | 6119    | 4996 |
| Zinc        | 1494    | 1160 |
| Visc@40°C   | 117     | 106  |
| Visc@100°C  | 15.5    | 14.3 |
| TAN         | 0.779   | ---  |

## WEAR

| Sample Date | Current | Abn |
|-------------|---------|-----|
| Iron        | 2.4     | --- |
| Nickel      | 0.1     | --- |
| Chromium    | 0.3     | --- |
| Titanium    | 0.3     | --- |
| Copper      | 0.0     | --- |
| Aluminum    | 0.8     | --- |
| Tin         | 0.0     | --- |
| Lead        | 0.0     | --- |
| Silver      | 0.0     | --- |