

FEATURES & BENEFITS

- ✓ Extreme Pressure (EP) /Anti Wear (AW) additives
- ✓ Oxidation Inhibitors and Acid Neutralizers
- ✓ Rust and Corrosion Inhibitors
- ✓ Viscosity Index (VI) Improvers
- ✓ Dispersants
- ✓ Seal Conditioners



HDL90 improves fuel economy



HDL90 dramatically reduces component wear



HDL90 cleans and keeps equipment operating at peak performance



Adding years of life to your equipment and vehicles

Universal for: ✓ Gears ✓ Gas Engines ✓ Diesel Engines



Sustainable Performance



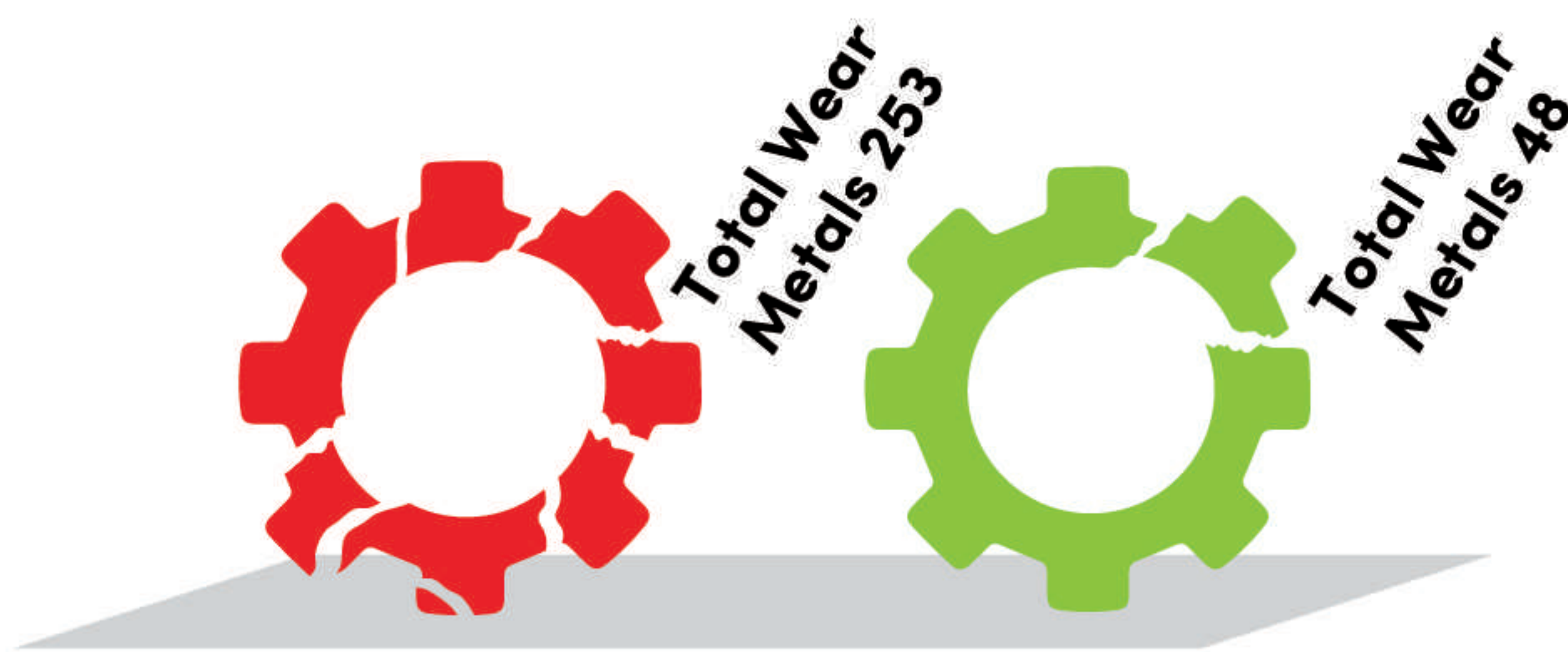
Dyno Performance Test  
2018 Ford F150 Gasoline

Without HDL90 = 263 HP  
With 5% HDL90 = 269 HP  
(2.3% improvement)



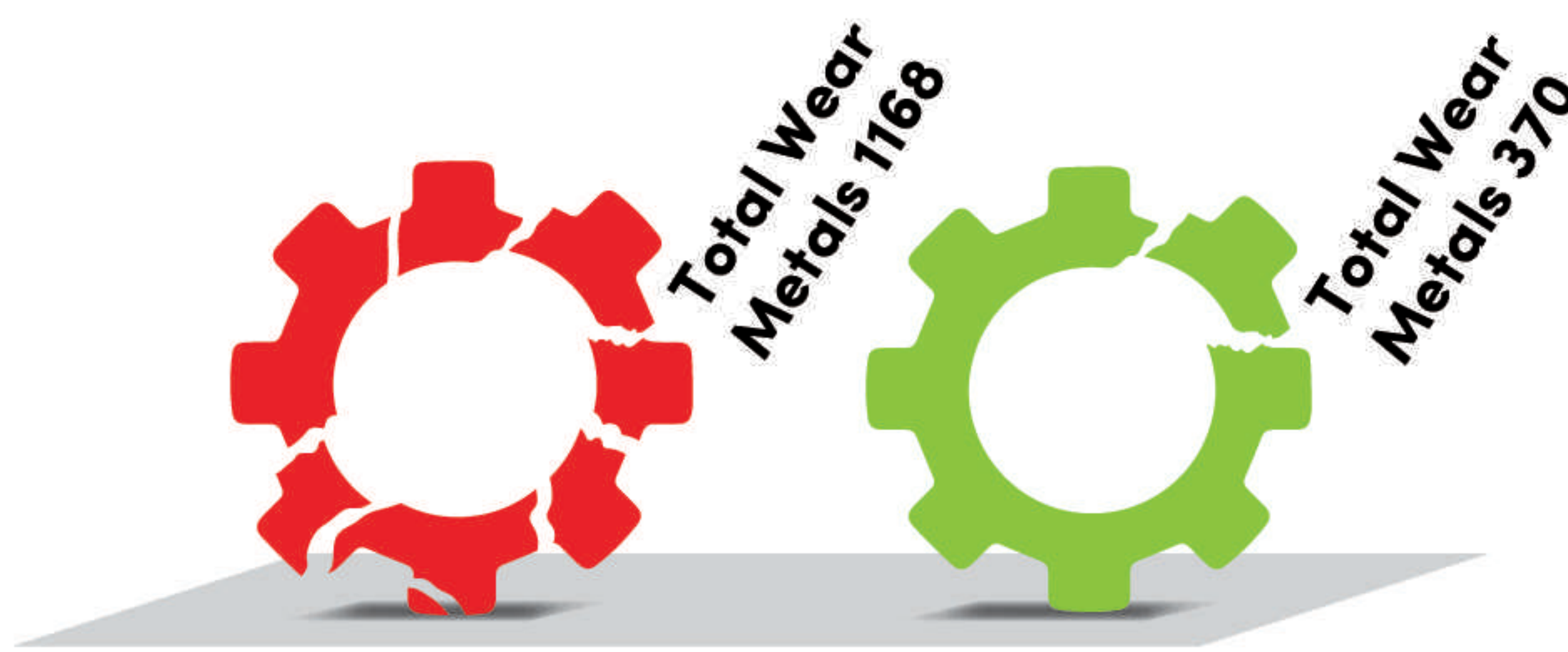
Dyno Performance Test  
Kubota Diesel Tractor

Without HDL90 = 148 HP  
With 5% HDL90 = 154 HP  
(4% improvement)



Component Wear by Oil Analysis

Diesel Trucking Unit 132  
Front Differential after 54,190kms  
Without HDL90 = 253 Wear Metals  
With 5% HDL90 = 48 Wear Metals  
(81% reduction)

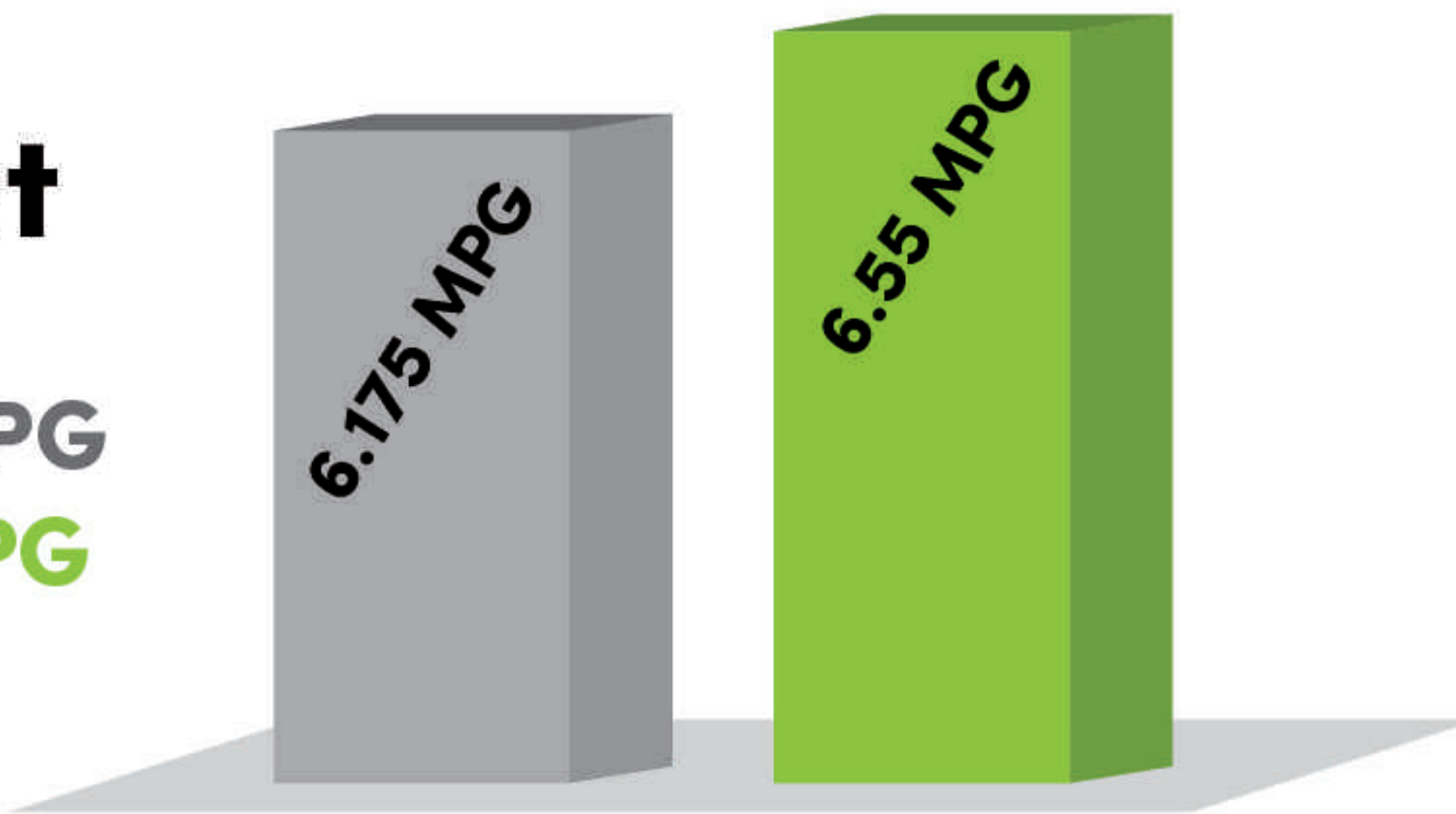


Component Wear by Oil Analysis

Diesel Trucking Unit 140  
Engine Oil after 78,000kms  
Without HDL90 = 1168 Wear Metals  
With 5% HDL90 = 370 Wear Metals  
(68% reduction)

Fuel Savings Test

Diesel Trucking Unit 132  
Without HDL90 = 6.175 MPG  
With 5% HDL90 = 6.55 MPG  
(6% improvement)



HDL 90 combined with oil analysis is a winning combination to measure cost savings



Environmental Benefit



# UNIVERSAL ADVANCED SYNTHETIC OIL ADDITIVE

## HDL90

PRODUCT ID	UPC	PACK	SIZE
3104-300-1	813010001161	1	0.300 L
3104-300-24	813010001178	24	0.300 L
3104-1-1	813010000171	1	1 L
3104-1-12	813010000881	12	1 L
3104-4-1	813010000188	1	4 L

PRODUCT ID	UPC	PACK	SIZE
3104-4-4	813010000898	4	4 L
3104-10-1	813010000751	1	10 L
3104-10-2	813010001147	2	10 L
3104-20-1	813010000195	1	20 L
3104-205-1	813010000218	1	205 L

Universal for: ☒ Gears ☒ Gas Engines ☒ Diesel Engines

Manufactured to ISO 9001:2015 specifications.

### FEATURES & BENEFITS

#### Extreme Pressure (EP)/Anti Wear (AW) additives:

Polarized AW, Friction Modifier and EP components provide unequalled protection in high load, high friction conditions. HDL90 remains on metal services protecting start up conditions where 80% of wear is generated.

#### Oxidation Inhibitors and Acid Neutralizers:

Enhanced alkaline reserve prevents oil breakdown during service life.

#### Rust and Corrosion Inhibitors:

Protects against adverse effects of moisture and oil oxidation.

#### Viscosity Index (VI) Improvers:

Enhanced VI maintains lubricant flow and improves shear stability of the oil, especially at extreme temperatures.

#### Dispersants:

Maintains cleanliness and keeps contaminants in suspension.

#### Seal Conditioners:

Reduces the long-term effects of heat exposure to elastomer seals, keeping seals pliable.



# INTRODUCING THE NEW SYNTHETIC FORMULA HDL90

UNIVERSAL USE Oil additive for

☒ Gears ☒ Gas Engines ☒ Diesel Engines



Increased Performance



Reduced Component Wear



PERFORMANCE FOR TODAY  
& PROTECTION FOR TOMORROW