

# The Ultimate Protection Against Metal-To-Metal Wear



TRUCK SHIELD™

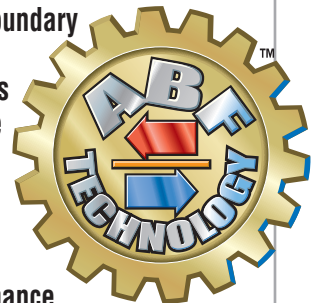
REDUCES FUEL CONSUMPTION



## Setting The Standards In Extreme Pressure & Anti-Wear Through ABF Technology

TRUCK SHIELD™ is the ultimate protection for the moving metal parts for trucks.

Utilizing the Advanced Boundary Film (ABF) Technology, it protects moving metal parts from wear and damage due to boundary conditions of frictional abrasion and extreme pressure. Other benefits are increased fuel savings, increased performance, reduced maintenance costs and downtime due to lowering operating temperatures that extends component life from light trucks to heavy trucks and equipment.

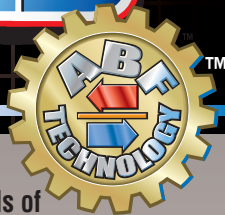


### ATTRIBUTES

- Lower Fuel Consumption
- Practical Elimination of Metal-To-Metal Wear (Dry-Start Prevention)
- Reduces Maintenance and Downtime
- Smoother and Quieter Operation
- Reduces Operating Temperatures
- Extends Parts Life and Truck Component Reliability

[www.steelshieldtech.com](http://www.steelshieldtech.com)

# TRUCK SHIELD™



Steel Shield Technologies' mechanism of operation is based upon advanced methods of Tribology that improve lubricity and load carrying capacity. This, in turn, improves surface characteristics while simultaneously creating a stable chemical Advanced Boundary Film on the contacting metal surfaces of whatever equipment in which it is added. The process of Advanced Boundary Film formation is achieved through a unique combination of long-chain halogenated hydrocarbons and other proprietary additives that are highly stable and non-corrosive to the equipment's metal parts, and pose no threat to the environment or waste oil recovery systems. Steel Shield reacts chemically, under thermal conditions with the contacting metal surfaces, to form a complex surface-attaching film of protection. Steel Shield's characteristics are "electro-negative", which causes it to seek out and affix itself to the metallic surface areas. During this process, surface smoothing is accomplished, resulting in improved spread characteristics of the surfaces themselves. The final state of the opposing metal surfaces increases the fluid film strength even more, resulting in greatly reduced wear while imparting extreme pressure (EP) properties to the opposing metal surfaces. The result is a virtual elimination of frictional wear and significant cooling of the entire lubricated area yielding higher energy savings and reduced metallic debris and acids in the oil. This is extensively proven through elemental oil analysis and Ferrography of the used oil, before and after the use of Steel Shield's Advanced Boundary Film Technology.

## MSDS DATA

- Flash Point : 226°C
- Non-Hazardous
- Non-Flammable
- Synthetic Hydrocarbons

## PHYSICAL DATA

- Boiling Point : 238°C
- Evaporation Rate : < 0.01
- Specific Gravity : 1.07
- Insoluble In Water
- Vapor Pressure : <1@25°C
- Medium To Dark Amber

## PERFORMANCE

- Reduces Wear
- Increases Horsepower
- Reduces Costly Repairs
- Reduces Operating Temperatures
- Increases Fuel Savings
- Reduces Friction
- Improves Oil Flow
- Reduces Maintenance
- Increases Engine Life
- Reduces Metal Debris In Oil

### DIRECTIONS

*Diesel and Gasoline Engines:* Add 2 oz. per quart of oil initially; 1 - 2 oz. per quart of oil every oil change.  
*Automatic Transmissions:* Add 1 oz. per quart automatic transmission fluid  
*Manual Transmissions & Differentials:* Add 2 oz. per quart of gear lube / fluid.  
*Hydraulics:* Add 1 oz. per quart of fluid.  
*Power Steering:* Add 1 oz. per quart of fluid.  
 Contains synthetic hydrocarbons and advanced chemical additive technology. Non-toxic and environmentally friendly.

ITEM NUMBER	ITEM UPC#	ITEM DESCRIPTION	CASE PACK	CASE DIMENSIONS	CASE CUBE	CASE WEIGHT	TI/HI
TRK-MT-32	8-94630-00168-7	Truck Shield Metal Treatment - 32 oz.	12	9.75" w x 9.5" h x 13.25" d	.71	28.80	12/5
TRK-MT-128	8-94630-00169-4	Truck Shield Metal Treatment - 1 Gallon	4	9.5" w x 12.5" h x 14.5" d	.99	33.60	12/4
TRK-MT-5G	8-94630-00170-0	Truck Shield Metal Treatment - 5 Gallon	1			45.00	
TRK-MT-15G	8-94630-00119-9	Truck Shield Metal Treatment - 15 Gallon	1			133.00	
TRK-MT-55G	8-94630-00158-8	Truck Shield Metal Treatment - 55 Gallon	1			485.00	



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