



The Penray Companies, Inc.

www.penray.com 440 Denniston Court, Wheeling, IL 60090-4731 Ph. 800.373.6729 Fx. 800.634.0276

Penray Product Bulletin

Part Nos. 105032, 105005, & 105055 Total Diesel Fuel System Cleaner

General Description

Penray 105005 Total Diesel Fuel System Cleaner is an asphaltene dispersant.

Product Benefits

Total Diesel Fuel System Cleaner has the following advantages:

- Diesel fuel treatment formulated to dissolve and disperse asphaltenes
- Great year round cleaner
- Enhances overall performance of fuel
- Cleans and unplugs injectors
- Helps improve lubricity
- Helps prevent fuel system corrosion
- Improves power
- Attacks extreme cases of dirt, grime and sludge
- Helps prevent degraded fuel from plugging fuel filters or injectors
- Contains extra solvents and detergents
- Helps disperse water
- Restores cetane
- Compatible with bio-diesel blends

Dosage

Penray Total Diesel Fuel System Cleaner can be used in bulk diesel fuel tanks and individual tanks.

BULK TANKS: Add 1 gallon of Total Diesel Fuel System Cleaner to 1,000 gallons of diesel fuel.

INDIVIDUAL TANKS: Add 1 quart (32 fl oz) to 250 gallons of diesel fuel.

INITIAL TREATMENT: Dosage may be increased if fuel quality is suspect or when filter plugging has been experienced due to fuel degradation.

MAINTENANCE: After initial clean up, dosage may be reduced for system maintenance depending on severity of conditions.

Handling

Wash hands thoroughly after handling. Do not get into eyes, on skin or on clothing. Do not smoke while using this product. Do not use near excessive heat, sparks or open flames. Store in clean, dry locations away from excessive heat.3

Physical Data

PHYSICAL STATE: Liquid

APPEARANCE/COLOR: Amber Colored

ODOR: Solvent / Petroleum

BASE TYPE: Aromatic Solvent / Detergent

SPECIFIC GRAVITY: .8873

FLASH POINT: 40 °F

BOILING POINT: Initial BP 230 °F VAPOR DENSITY: 3 (Air =1)

VAPOR PRESSURE: ~20 mm HG

FLAMMABILITY: Flammable Liquid, Fire Hazard Level 3

PERCENT VOLATILES: >90%

DOT PROPER SHIPPING NAME: UN 1993, FLAMMABLE LIQUIDS, N.O.S. (TOLUENE), 3, II, NMFC 48580 SUB 3



Distributed by:



Part Nos. 105032, 105005, & 105055
Total Diesel Fuel
System Cleaner

The Penray Companies, Inc.

www.penray.com 440 Denniston Court, Wheeling, IL 60090-4731 Ph. 800.373.6729 Fx. 800.634.0276

Penray Product Bulletin

SHIPPING INFORMATION							
Part #	Net Wt	Liquid or Aerosol	Qty/Cs	Lbs/Cs	Cs/Pal	Cs/ Layer	Layer/ Pal
105032	32 FL OZ	LIQUID	12	26	60	10	6
105005	5 GAL	LIQUID	1	40 lbs	24	12	2
105055	55 GAL	LIQUID	1	425	4	4	1

SHIPPING INFORMATION								
PART #	Case (Inches)			Unit (Inches)			UPC Codes	
	Length	Depth	Height	Length	Depth	Height	Individual	Case
105032	17	10.19	9.13	4.19	3.31	8.5	0 92443 10532 9	0 00 92443 10532 9
105005	N/A	N/A	N/A	11.5	11.5	14.5	N/A	N/A
105055	N/A	N/A	N/A	23	23	35.125	N/A	N/A