

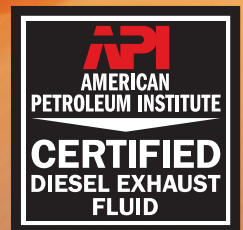


McPherson Oil Products



DEFendal™

DIESEL EXHAUST FLUID



See reverse for specifications, handling, and available package sizes.



Contact **McPherson Oil** at
1-888-802-7500 (PRESS "2" FOR CUSTOMER SERVICE) OR
www.McPhersonOil.com
for details

"The Sun Never Sets on Our Service"



Manufacturer Specifications

PROPERTIES	METHOD	MINIMUM	TYPICAL	MAXIMUM
Appearance	Visual	Free & Clear of sediment		
Urea Content	ISO 22241-2	31.8	32.5	33.2
Density @ 20°C	ISO 3675, 12185	1.087		1.093
Refractive Index @ 20°C	ISO 22241-2	1.3814		1.3843
Alkalinity, %m as NH ₃	ISO 22241-2			0.2
Biuret, %m	ISO 22241-2			0.3
Aldehydes, mg/kg	ISO 22241-2			5
Insoluble matter, mg/kg	ISO 22241-2			20
Phosphate (PO ₄) mg/kg	ISO 22241-2			0.5
Calcium, mg/kg	ISO 22241-2			0.5
Iron, mg/kg	ISO 22241-2			0.5
Copper, mg/kg	ISO 22241-2			0.2
Zinc, mg/kg	ISO 22241-2			0.2
Chromium, mg/kg	ISO 22241-2			0.2
Nickel, mg/kg	ISO 22241-2			0.2
Aluminum, mg/kg	ISO 22241-2			0.5
Magnesium, mg/kg	ISO 22241-2			0.5
Sodium, mg/kg	ISO 22241-2			0.5
Potassium, mg/kg	ISO 22241-2			0.5

Temperature °Fahrenheit	Temperature °Celsius	Minimum Shelf Life
< 50° F.	<10° C	36 months
< 77° F.	<25° C	18 months
< 86° F.	<30° C	12 months
< 95° F.	<35° C	6 months
> 95° F.	>35° C	Retest each lot

Industry Standards:

ISO 22241:2006

API

AUS 32

DIN 70070:2005

CAS #: 32.5% 57-13-6 UREA
67.5% 7732-18-5 Water

EINECS #: 200-315-5

Package Sizes to Meet Your Needs



**1 Gallon
JUG**
4 / Case



**2.5 Gallon
JUG w/spout**
2 / Case



**55 Gallon
DRUM**



**330 Gallon
TOTE**



Your Complete **DEF & DEF Equipment** Supplier...

McPherson Oil Products