



PONTONIC MPX GEAR OILS

(Premium Multipurpose HD Gear Oil)

PONTONIC MPX Gear Oils are high quality, extreme pressure gear oils recommended for a wide variety of applications. They are formulated with high VI paraffinic mineral oils and specially selected additives to meet the performance requirements of API Service GL-4, GL-5 and MT-1, MIL-L-2105D and MIL-PRF-2105E.

Today's gears run hotter and work harder than ever before. That's why **PONTONIC MPX** Gear Oils contain special additives to provide exceptional thermal stability, which prevents sludge and varnish formation when high temperatures are encountered. The result is long, trouble-free service life and reduced maintenance, even in hot running, heavy hauling, and hard-driving equipment.

In addition, **PONTONIC MPX** Gear Oils contain an industry proven extreme pressure additive package that protects heavily loaded gears from wear. In laboratory tests that simulate high-speed services with shock loads (L-42 test) and low-speed, high-torque services (L-37 test), **PONTONIC MPX** Gear Oils exceeded industry standards. This means **PONTONIC MPX** Gear Oils can withstand the heavy loads and pounding encountered by both heavy hauling over-the-road trucks and earth moving off-road vehicles.

PONTONIC MPX Gear Oils not only perform in high temperature services, they also exhibit good low temperature properties. Many gear oils solidify when they get cold. **PONTONIC MPX 80W-90** stays fluid down to -15°F. This is important since few trucks and heavy equipment units are outfitted with heaters in their differentials and planetaries. Yet, the oil must flow to lubricate precision bearings that are susceptible to severe damage if they do not receive adequate lubrication.

BENEFITS:

- WITHSTAND HEAVY AND SHOCK LOADS
- GUARD AGAINST WEAR
- REDUCE SLUDGE AND VARNISH DEPOSITS
- PROVIDE GOOD LOW TEMPERATURE FLOWABILITY
- LOWER MAINTENANCE COST

APPLICATIONS:

PONTONIC MPX Gear Oils are recommended for transmissions, differentials and gearboxes in trucks, cars, mobile equipment and other vehicles which specify gear oils meeting the performance requirements of API GL-4, GL-5, MT-1, SAE J-2360, MIL-L-2105D and MIL-PRF-2105E. **PONTONIC MPX** Gear Oils meet major equipment builders' performance requirements including Mack GO-H and GO-J specifications.

PONTONIC MPX Gear Oils are also suitable for many industrial gear cases.

PONTONIC MPX Gear Oils are suitable for topping off limited slip differentials.

PONTONIC LS Gear Oil is the product of choice when draining and refilling limited slip differentials.



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TYPICAL CHARACTERISTICS

SAE Grade	80W-90	85W-140
Product Code	28158	28159
API Gravity (ASTM D-1298)	25.6	23.8
Viscosity (ASTM D-445):		
cSt @ 40°C	142	353
cSt @ 100°C	14.3	26.8
SUS @ 100°F	747	1880
SUS @ 210°F	77	132
Brookfield Viscosity (ASTM D-2983):		
cPs @ -12°C	-	57,000
cPs @ -26°C	84,000	-
Viscosity Index (ASTM D-2270)	98	101
Pour Point (ASTM D-97) °F (°C)	-17 (-27)	0 (-18)
Channel Point °F (°C)	Below -31 (-35)	Below -4 (-20)
Flash Point, COC, (ASTM D-92) °F (°C)	425 (218)	435 (224)
Copper Corrosion (ASTM D-130)	Pass	Pass
Timken OK Load (ASTM D-2782) lbs	60	60
Four Ball EP (ASTM D-2783) Weld Point, kg Load Wear Index	400 59	400 59

The above data is subject to usual manufacturing variation. For more information and availability, call 1-800-442-LUBE.
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