

Petra SAE 75W-140 Synthetic Gear Oil

PN 814032 (32 oz), 814064 (64 oz), 814016G (16 gal), 814055 (55 gal)
Technical Data Sheet



Product Description:

Petra Synthetic 75W-140 gear oil is a full synthetic premium quality gear oil for automotive axle/differential applications requiring thermally stable API GL-5/SAE 2360 performance. It meets the toughest industry specifications for automotive extreme pressure (EP) gear lubricants, including limited slip differentials. Formulated for spiral bevel and more extreme offset hypoid gear sets (ring and pinion gears) in light-duty, medium-duty and heavy duty trucks, farm, logging and construction machinery.

Advantages & Uses:

- Greater film strength at higher operating temperatures
- Improved fuel economy vs. conventional 80W90 and 85W140 gear oils
- Meets requirements for API GL-5, MT-1, SAE J2360, Limited Slip
- Protects gears against wear, scuffing and welding

Features:

- Multi-viscosity for year round use over wide temperature range
- Contains a sulfur/phosphorus additive system for excellent load carrying capacity and gear protection
- Contains inhibitors to protect against corrosion, rust and foaming
- Contains additives to inhibit oil oxidation and keep lubricating parts clean
- Compatible with other automotive gear oils
- Superior elastomer compatibility to extend the life of shaft and hub seals
- Extreme pressure additives help prevent gear scuffing and scoring
- Extended drain intervals versus conventional products



Property	Typical Value
Color	Amber
Viscosity, cSt@100°C	28.51
Viscosity, cSt@100°C	179.35
Viscosity Index	199
Density@20C	0.8638



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Application Chart



API GL-5 (GL-5)
API MT-1 (GL-5/MT-1)
Arvin Meritor axles (GL-5)
Arvin Meritor 0-76-A (85W-140, GL-5)
Arvin Meritor 0-76-B (80W-140, GL-5)
Arvin Meritor 0-76-D (80W-90, GL-5)
Arvin Meritor 0-76-M (75W-140, GL-5/MT-1)
Arvin Meritor 0-76-N (75W-90, GL-5)
Arvin Meritor 0-76-P (80W-90, GL-5/MT-1)
Arvin Meritor 0-76-Q.R (75W-90, 80W-90, 80W-140,
75W-140, GL-5/MT-1)
DAF (GL-5 axle lubricants)
Dana SHAES 256 Rev C (synthetic GL-5/MT-1)
Dana SHAES 429 Rev A (synthetic GL-5/MT-1)
Eaton (GL-5/MT-1)
Eaton Roadranger – GL-5/MT-1 synthetic
Ford WSP-M2C197-A (80W-90, GL-5)
Ford WSL-M2C192-A (75W-140, GL-5/MT-1)
International TMS 6816 (GL-5/MT-1 synthetic)
IVECO (GL-5/MT-1)
KOMATSU KES 07.861 (85W-140, GL-5)
MACK GO-G, H, J (GL-5)
MACK GO-J Plus (Synthetic, GL-5/MT-1)

MAN 342 Type M1, M2, M3 (GL-5) MAN M
3343 Type M (GL-5)
MB 235.0, 235.5, 235.6, 235.8, 235.20 (GL-5)
MIL-PRF-2105D (GL-5)
MIL-PRF-2105E (GL-5/MT-1)
NATO 0-226 (GL-5)
Renault (GL-5)
SAE J-2360 (GL-5, MT-1)
Scania: STO 1:0 (GL-5)
Scania: STO 2:0A (GL-5, 75W-140)
Voith Turbo 132.00374401 (GL-5 syn)
Voith Turbo 132.00374402 (GL-5 syn)
Volvo 97310 (GL-5)
Volvo 1273.10 (GL-5)
ZF TE-MNL-02B (A reclassified as B)
05A, B, 12E, 16A.B, C, D 17AS, B, 19A, B
21 A, B
07A (GL-5/MT-1)
05C, D, 12C, D, 16E (GL-5 with LS)
12B, 16F, 19C (synthetic GL-5)
16G (synthetic, LS, GL-5)
08 (GL-4, or GL-5/MT-1)



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