



DURALIFE® FULL SYNTHETIC GEAR OILS

Duralife® Full Synthetic Gear Oils are formulated with polyalphaolefins (PAOs) & esters synthetic base stocks and a premium performance, extreme pressure gear oil additive package to meet the latest requirements of gear manufacturers requiring API GL-5, API MT-1 gear lubricants. They are designed for conventional rear axles, limited slip rear axles, and transmissions requiring EP Gear oils under high speed, heavy load, high torque, and high horsepower conditions. They maintain a full film of protective lubricant under a wide range of temperature, from very low temperatures to high temperatures.

APPLICATIONS:

Duralife® Full Synthetic Gear Oils are recommended for use in both limited slip differentials and conventional axles requiring factory-fill or drain-and-fill levels of limited slip performance. They can be used in passenger cars, sport utility vehicles, vans, modern trucks/buses/construction or agricultural equipment.

They meet the following performance requirements:

API SERVICE GL-5/ MT-1, SAE J2360, MIL- PRF-2105D, MIL- PRF-2105E

MB 235.8, Mack Go-J plus, Scania STO 1:0, International TMS-6816

Limited Slip M2C119A /M2C154A

SAE 75W:

VW/Audi G 052 171 A2/ G 052 178 A2 / G 052 512 A2/ G 052 527/ G 052 726 A2/ G 055 532 A2/
G 055 726 A2/ G 060 726 A2/ G070 726 A2/ G 009 317 A2 – VOLVO 1161838/ 1161839 –
MB 235.10/ MERCEDES A001989840309 – OPEL B 0402167 – FIAT 9.55550 MZ6 – MTF JWS2271 –
FORD WSS-M2C200-D2/D3 – TOYOTA 08885-81001/ 08885-8081 – SUZUKI 99000-22B27-036

SAE 75W- 85:

VW/Audi G 052 513/ G052 196 A2/ G052 190 A2/ G055 190 A2/ TL 521 90 – VOLVO G 052 513 –
MB 235.15/ 235.62/ 235.7/ 235.74/ 239.71/ 239.72/ A 000 989 73 04/ A000 989 88 03/ A 001 989 59 03/
A 0012 989 33 03/ A 002 989 02 03 – BMW/Mini 83 120 445 838/ 83 22 2 239 982/ 83 222 295 532/
83 22 2 413 511/ 83 22 2 413 512/ 83 22 2 447 362/ Hypoid Axle Oil G1/ Hypoid Axle Oil G2/ Hypoid
Axle Oil G3/ Hypoid Axle Oil G4/ BMW Jeep – Fiat 9.55550 F426/ DA8/DA9 – Land Rover LR 052059
Ford WSS-M2C942-A/ XY-75W85-QL – GM 19300457/ 88862826/ 92184900/ SAF Carbon Mod –
CHRYSLER/Dodge/Jeep 05136035AA/ 68083381AA – TOYOTA/Lexus 08885-02506/ 02606/ 81060/
8081, TOYOTA JWS 2273– HONDA08200-9014 for Crosstour 2010-2015, Pilot 2006-2015, Ridgeline
2006-2014 – ACURA 08200-9014A for Acura MDX 2003-2014/ RDX 2007-2014/ RL 2005-2012/ TL
2009-2014/ ZDX 2010-2013– NISSAN/Infiniti KDL38-75801P– MAZDA K020-01-SG1– BOT 448
MOPAR 68083381AA– AC Delco 10-4032– ZF TE-ML07A/ TE-ML18– Bosch TE-ML 08, Meritor
O76-S, Dana SHAES429/256 REV E
Cadillac, Lincoln, Buick, GMC, Hyundai, Kia, Scion, Subaru, Maserati, Ram, Alfa Romeo, Genesis

SAE 75W- 90:

AC Delco 10-4051– BMW 83222365987/ 83229407768/ 83229407768/ 83229407803/ 83229407804/
83229407808/ 83229407870/ 83229407871, BMW OSP/ SAF-XO/ SAFX-LS – BOT 328, 130M, 720 –
Chrysler MS-8987/9763/9020 – Clark MS-8 Rev.1 – DAF LKW (for long train intervals) – Ford ES-PM-
M2013/ WSD-M2C200-C/ WSP- 197-A/ WSP-M2C201-A/ WSS-M2C939-A/ Ford M2C119-A/158-
A/197-A/ Ford MC2108C/ Ford 1045737/ Ford 5021033 for Ford-Transmission IB5, B5, MTX75,
GM5,MT285/6, MMT6/6, MT75, R15M-D, R15MX-D, MT82/ Ford XY-75W90-QLS/ Ford XY-
75W90-TQL/ Ford XY-80W90-QL – Fuchs Titan Race Syn 5 –

GM 1050010/ 1052271/ 10950849/ 10953455/ 12345841/ 12345977/ 12378261/ 12378557/ 19352759/ 88862624/ 88862625/ 88863089/ 88863090/ 88901362/ 89021669/ 89021671/ 89021675/ 89021676/ 89021677/ 92184900/ 9985044/ 9985290/ 9985476/ 9986115/ 9986207/ 9986290 – IVECO – John Deere J11D – Komatsu/Dresser B22-003/0005 – Land Rover TYK500010 – MAN 342 Type S1 – Mack GO-J – Mazda 0000-77-80W90-QT – MB 235.0/ 235.6/ 235.7/ 235.8/ 235.11/ 235.20/ MB A 001989 17 03-10/ A 001 989 27 03-10/ A 001 989 28 03-10/ A 001 989 58 03-10 – MIL-L 2105D/E– Mitsubishi 3775610/ 8149630/ MZ320345/ DiaQueen LSD Gear Oil – Nissan KLD 37-00001P – Porsche 000 043 205 30/ 000 043 300 37/ 000 043 305 04/ Porsche SAF Carbon Mod/ Porsche SAF-PD/SAF-XO/ Porsche 958.341.536.00 (Full-Time Transfer Case with Torsen for Cayenne 92A/ 958 Diesel and S Hybrid from 2010 to 2018) – Renault LKW – SAE J2360 – Scania STO 1:0 – Subaru SOA635001/ 635048/ Subaru K0305Y0900/ K0318Y0000/ K0904AA080 – Toyota 08885-81006 – Volvo 1161129-0/ 31259380/ Volvo 97312/ 97315 – VW/Audi G 052 145 A2/ 052 196/ 052 539 A2/ 052 911 A2 – ZF TE-ML 12B/ 16F/ 17B – White Motors MS 0016.

SAE 75W- 140:

BMW 83220002094/ 83221470080/ 83222282583/ 83229405462/ 83229407870/ 83229407871/BMW SAF-XJ – Chrysler/Dodge/Jeep 4874469/82200945/MS-8985/ 68218657CA/ 68218658CA – Ford WSL-M2C 192-A/ WSS-M2C940-A/ XY-75W140-KL/ XY-75W140-QL/ Ford M2C192-A/940-A – GM 12346140/ 89021591/ 89021809/ GM 9985991/GM 10-4053 – Mack GO-J – MB 235.61/ MB A 0019895203 – MIL-L- 2105E – Nissan KLD 75-RS431/RS 43P/ Nissan & Infinity 999MP-DF100P – Toyota & Lexus 00289-75140 – SAE J 2360 – VW/Audi G 055 145 A2 – ZF TE-ML 05A/ 05B/ 07A/ 12B/ 12N/ 16F/ 19C/ 21A/ 21B

BENEFITS:

- Provide outstanding oxidation, thermal stability.
- Protect gear teeth against pitting, spalling and scouring.
- Improved cold weather flow ability lubricates components faster and provide better cold weather shift- ability in manual transmissions.
- Non-corrosive to steel and other metals.
- Excellent anti-wear, antirust, anticorrosion, antifoam properties.
- Long service life

TYPICAL CHARACTERISTICS

Test	Method	Typical Results								
		75W	75W-85	75W-90	75W-140	80W	80W-90	80W-140	80W-250	85W-140
SAE Grade										
API Gravity	ASTM D287	33.99	33.42	33.42	31.7	33.03	32.08	30.77	29.66	30.21
Specific Gravity @ 15.6°C (60°F)	ASTM D1298	0.855	0.858	0.858	0.867	0.860	0.865	0.872	0.878	0.875
Viscosity @ 40°C, cSt @ 100°C, cSt	ASTM D445	37 6.5	77.26 13.09	101.49 14.77	189.11 24.61	75.4 11.2	129.33 17.27	218.95 27.31	486.37 49.00	222.97 29.62
Brookfield Viscosity ,cP	ASTM D2983	85,000 @ -40°C	56,220 @ -40°C	48,800 @ -40°C	139,000 @ -40°C	143,200 @ -26°C	21,200 @ -26°C	38,500 @ -26°C	101,600 @ -26°C	47,000 @ -12°C
Viscosity Index	ASTM D2270	144	172	151	161	144	146	160	160	173
Flash Point, °C (°F)	ASTM D92	205 (401)	210 (410)	210 (410)	218 (410)	210 (410)	210 (410)	215 (419)	220 (428)	215 (419)
Pour Point , °C (°F)	ASTM D97	-49 (-56)	-49 (-56)	-49 (-56)	-47 (-52.6)	-44 (-47)	-44 (-47)	-38 (-36.4)	-35 (-31.0)	-38 (-36.4)

Timken OK Load, lb	ASTM D2782	70	70	70	70	70	70	70	70	70
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The above characteristics are average values based on recent production. Minor variations which do not affect product performance are to be expected in normal manufacture.

WARNING:

Continuous contact with used oil has caused skin cancer in animal tests. Avoid prolonged contact. Thoroughly wash exposed areas with soap and water. Keep out of reach of children.

Don't pollute. Conserve resources. Return used oil and container to collection centers

Reference SDS Number 12045 database on our website at www.amtecol.com OR scan the code for a direct link

