DANZOL®

FLUENT MOBILITY



AUTOMOTIVE PRODUCT PORTFOLIO

GASOLINE ENGINE OILS



Product Name	Viscosity Grade	Specifications
SYMERO 12000 API SP	0W-8, 0W-12, 0W-16, 0W-20, 0W-30	API SP, ILSAC GF-6B (ONLY FOR 0W-16) ILSAC GF-6A (Not for 0W-16) DEXOS 1 GEN 3 (Level), For 0W-20- Ford M12C 947A (L); ACEA A3/B4, A5/B5, C2/C3/C4)/C5/C6(Level) (MB 229.50/ 229.52/ 229.51 /) BMW LL04, Porsche C40, RN 17,PSA B71 FIAT S3, JLR SP-03/5006 (Level)
SYMERO 10000 API SP	5W-20, 5W-30, 10W-30	API SP, ILSAC GF-6A DEXOS 1 GEN 3 (Level), For 5W-20- M2C945A (L); For 5W-30 M2C946A (L) ACEA A3/B4, A5/B5, C2/C3/C4)/C5/C6 (Level) (MB 229.50/ 229.52/ 229.51 /) BMW LL04, Porsche C40, RN 17,PSA B71 FIAT S3 , JLR SP-03/5006 (Level)
SYMERO 10000 API SP	5W-40,10W-30, 10W-40, 15W-40, 20W-50, 25W-40, 25W-50, 0W-40	API SP, ACEA A3/B4, A5/B5)(Level) (MB 229.50/ 229.52/ 229.51 /) BMW LL04, Porsche C40, RN 17,PSA B71 FIAT S3 VW 501/505 RN 710 /7100 PSA B71
SYMERO 10000 API SN, GF-5	0W-20, 0W-30, 5W-20, 5W-30, 10W-30	API SN, ILSAC GF-5 , DEXOS 1 GEN 3 For 0W-20- Ford M12C 947A (L); For 5W-20- M2C945A (L); For 5W-30 M2C946A (L) ACEA A3/B4, A5/B5, C2/C3/C4)(Level) (MB 229.50) BMW LL01, Porsche C30, RN 17,PSA B71 FIAT T2,
SYMERO 8000 API SN	5W-40,10W-30, 10W-40, 15W-40, 20W-50, 25W-40, 25W-50, 0W-40	API SN, ACEA A3/B4, A5/B5)(Level) BMW LL01, Porsche C30, RN 17,PSA B71 FIAT T2 VW 501/505 RN 710/7100 PSA B71, MB 229.5
MAXIMUS 7500 API SM	0W-20, 0W-30, 5W-20, 5W-30, 0W-40 10W-30, 10W-40, 15W-40, 20W-50, 25W-40, 25W-50	API SM, ACEA A3/B4, BMW-LL-098, MB 229.3
MAXIMUS 5000 API SL/CF	10W-30, 10W-40, 15W-40, 20W-50, 25W-40, 25W-50	API SL/CF, ACEA A3/B4
ASTAR zoom API SJ/CF	10W-30, 10W-40, 15W-40, 20W-50, 25W-40, 25W-50	API SJ/CF, ACEA A3/B3
ZUMAX SILVER API SG/CD	10W, 30, 40, 50, 15W-40, 20W-50	API SG/CD, ACEA A3/B3

SAFE FOR USE IN

VOLVO · MAN · MITSUBISHI HEAVY INDUSTRIES LTD. · BMW · NMMA · ALSTOM · WÄRTSILÄ · PORSCHE · mtu · SIEMENS · GE Transportation · GM · dexos · CHRYSLER · PEUGEOT · TOYOTA · HYUNDAI · KIA MOTORS · LEXUS · NISSAN · INFINITI · RENAULT · SCANIA · Jeep

DIESEL ENGINE OIL



Product Name	Viscosity Grade	Specifications
SYNTUS 12000 API CK4/SN	10W-30, 10W-40, 15W-40, 15W-50	API CK4-SN, ACEA E7/E9/E11, CUMMINS CES 20086, VOLVO VDS-4, MB 228.31/228.51/229.1, MACK EO-M, RENAULT RLD-3, CAT ECF-3, MAN 3575
SYNTUS 11500 API CJ4/SN	10W-30, 10W-40, 15W-40, 15W-50	API CJ4/SN, ACEA E7/E9, CUMMINS CES 20081, ALLISON TES-439, MB 228.3, VOLVO VDS-4, CAT ECF-3, MACK EO-O PREMIUM PLUS MAN M3477, RENAULT RXD/RLD-2, RENAULT TRUCK RGD SCANIA LOW ASH, VOLVO VDS-3, DEUTZ DQC IV-10LA
LORYPLUS 11000 API CI4 PLUS/SL	10W-30, 10W-40, 15W-40, 15W-50, 20W-50	API CI4-SL, ACEA E5/E7, MB 229.1, CAT ECF-1a ECF-2, ALLISON C-4, MAN 3275, CUMMINS CES 20081, VOLVO VDS-3, RENAULT RLD-2
LORYPLUS 10000 API CI4/SL	10W-30, 10W-40, 15W-40, 15W-50, 20W-50	API CI4/SL, ACEA E5/E7, MB 228.3, MACK EO-M, VOLVO VDS-3, RENAULT RLD-3, CAT TO2, MAN M3275, DHD-1
LORYMAX 7000 API CH4/SJ	15W-40, 20W-50	API CH4/SJ ACEA E2, MIL-L-2104E, MAN 271, MB 228.1, CAT TO2, ALISON C4
OPTIMUS 6500 API CF4 /SJ	15W-40, 20W-50	API CF4 /SJ ACEA E2, MIL-L-2104E, MAN 271, MB 228.1, CAT TO2, ALLISON C4
OPTIMUS 6000 API CF4 /SG	10W, SAE 30, SAE 40, SAE 50, 20W-50, 20W-60	API CF4 /SG MACK EO-O Premium Plus,VOLVO VDS-4,ALLISON TES-439
OPTIMUS 5200 API CF2	10W, SAE 30, SAE 40, SAE 50, 20W-50, 20W-60	API CF2 ACEA E2-96, MIL-L-2104E, MAN 271, MB 228.0, MTU Type 1
OPTIMUS 5200 API CF/SF	10W, SAE 40, SAE 50, 15W-40, 20W-50	API CF/SF, MIL-L-2104B



2 STROKE OIL-2T



Product Name	Viscosity Grade	Specifications
MAGIC 2T	10W-30, 20W-50, SAE 30	JASO-FB, NMMA TC-W3, API-TC

4 STROKE OIL-4T



Product Name	Viscosity Grade	Specifications
MAGIC 4T API SN	10W-30, 10W-40, 10W-50,15W-40, 20W-40, 20W-50,	API-SN, JASO (T903): MA2, ILSAC GF-6, ACEA A3/B4
MAGIC 4T API SM	10W-30, 10W-40, 20W-50, 15W-40, 15W-50	API-SM, JASO (T903): MA2, ILSAC GF-6, ACEA A3/B3, A3/B4
MAGIC 4T API SL	10W-30, 10W-40, 10W-50, 20W-50, SAE 50, SAE 40	API-SL, JASO (T903): MA2 ACEA A3/B3, A3/B4
MAGIC 4T API SJ	10W-40, 15W-50, 20W-50	API-SJ, JASO (T903): MA2, ACEA A3/B3

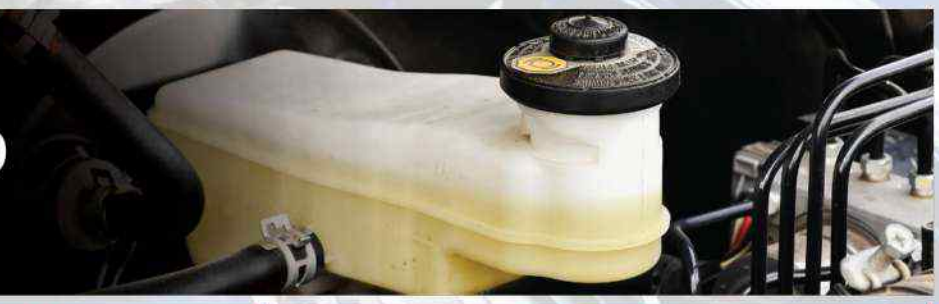


AUTOMOTIVE GEAR OILS



Product Name	Viscosity Grade	Specifications
GARUX SYNTHETIC API GL5	75W-80, 75W-90	AP GL-5, ZF-TE-ML 05A, TA 12E. 16B, 16C, 16D, 17B, 19B, 21A, MAN 342
GARUX SYNTHETIC API GL4	75W-80, 75W-90	API GL-4, MAN 342, MB 235
GARUX API GL5	SAE 90, SAE 140, 80W-90, 85W-90 85W-140, 80W-140	API GL-5 MIL-L-2105, MAN 341, MB 235.1
GARUX API GL4	SAE 90, SAE 140, 80W-90, 85W-140, 80W-140	API GL-4, MB 235.0, MIL-L-2105,
GARUX API GL1	SAE 90, SAE 140	API GL-1

BRAKE FLUID



Product Name	Product Type	Specifications
BRAKE FLUID	DOT-3, DOT-4	ISO 4925 classes 3, and 4, SAE J1703 & J1704, FMVSS 116 DOT 3, FMVSS 116 DOT 4, JIS K2233 Classes 3, and 4, Chinese standard GB 12981



AUTOMOTIVE COOLANTS



Product Name	Product Type	Specifications
ANTI FREEZE COOLANTS Dancool ELC, Dancool G12(+), Dancool G13	Organic Acid Technology Extended Life Coolant (ELC) Premixed: 33%, 40%, 50%, 60% and 100% (concentrate)	ASTM D3306, ASTM D6210, DAF 74002, MTU MTL 5048, TMC RP 364, MB 325.3 (Concentrate), MB 326.3 (Premixed 50/50), Cummins CES 14439, Detroit Diesel DFS93K217ELC, Deutz DQC CB-14, Komatsu KES 07.892, MAN 324 Type SNF, Deutz Stationary Diesel Engines, GE - Jenbacher Stationary Natural Gas Engines, Hino Truck Diesel Engines, Isuzu Truck Diesel Engines, Kobelco Construction Equipment Diesel Engines, Komatsu Construction Equipment Diesel Engines, MTU 2000/4000 Diesel Engines,Navistar™ MAXXFORCE Engines, Scania Truck Diesel Engines, Volvo Construction Equipment (VCE) Diesel Engines, Volvo and Mack Truck Diesel Engines, Wärtsilä Stationary Diesel Engines, Vestas Wind Turbine Power Electronics — External Coolant System, European HD OEMs that require both Phosphate-free and Nitrite-free formulations, Japanese HD OEMs that require Silicate-free formulations
DANCOOL EXTREME LONG LIFE	Organic Acid Technology Extended Life Coolant (ELC) Premixed: 33%, 40%, 50%, 60% and 100% (concentrate)	

NATURAL GAS ENGINE OIL



Product Name	Viscosity Grade	Specifications
AUTO PLUS API SL/CF	10W-30, 10W-40, 20W-50, SAE 50, SAE 40, 15W-40	API SL/CF , RECOMMENDED FOR MULTI-FUEL OPERATIONS (CNG, LNG, LPG,PETROL, GASHOL)



TRANSMISSION FLUIDS



Product Name	Product Type	Specifications
DEXRUS AUTOMATIC TRANSMISSION OIL	DEX-T VI, DEX-III H, DEX-IID, TYPE-A, CVT, DCT	GM/SATURN DEX-CVT, MB CVT28,236.20, FORD CVT23/30 , BMW 8322 0 136 376, AUDI/VW TL 52180, NISSAN NS-1/2/3, TOYOTA TC, FE, LEXUS FE, DODGE NS-2 API GL-4, ALLISON C4, CAT TO-4, Komatsu KES 07.868.1
TRANS HD TO-4	SAE 10W, SAE 30, SAE 50, SAE 60	API GL-4, Eaton Vickers 35VQ25, Ford M2C134-D, Allison C-3/C-4, CAT to-2 ,

3 WHEELER OIL



Product Name	Viscosity Grade	Specifications
MAGIC 4T APL SL	10W-30, 10W-40, 20W-50, SAE 50, SAE 40	API-SL, JASO (T903): Ma2, ILSAC, GF-3, ACEA, A1/B1, A3/B3, A3/B4



FLUSHING



Product Name	Viscosity Grade	Specifications
FLUSHING OIL	ISO VG 32, ISO VG 46, ISO VG 100	ISO 6743-4 ISO-HH

TRACTOR FLUIDS



Product Name	Viscosity Grade	Specifications
CULTIVA TORQ SYN UTTO	10W-30, 80W (ISO VG 55)	FORD NEW HOLLAND M2C 134D; ALLISON C-4; API GL-4; CAT TO-2; JOHN DEERE J20C/J20D; MASSEY FERGUSON CMS M 1141, M1143; CASE INTERNATIONAL J/C 145/MS 1210; CASE & NEW HOLLAND (CNH)MAT 3525 “134-D FLUID” VOLVO WB101, ZF TE-ML-03E, TE-ML-05F, TE-ML-06K, TE-ML-17E
CULTIVA TORQ SYN USTOU	15W-40, 20W-40, 20W-50	MASSEY FERGUSON CMS M 1141, M1143; CASE INTERNATIONAL J/C 145/MS 1210; CASE & CASE INTERNATIONAL: MS-1204, 6.7,9; CNH MAT 3525, 3526; MASSEY FERGUSON: M11143, M1145; CATERPILLAR TO-2; ALLISON C-4; ZF TE-ML 06A, ZF TE-ML 06B, 06C, 07B; SUITABLE FOR HYDRAULIC USE AND WETBRAKES



DANZOL

Grease and Lubricants Manufacturing LLC.

Established in 2006 as a subsidiary of DNP Holdings™, Danzol™ Lubricants has become one of the leading manufacturers and suppliers of high-performance lubricant and grease products by building on two core competencies of its parent – · Over two decades of un-paralleled experience in the lubricants industry. · A reputation for quality products and service. Today, Danzol™ Lubricants offers a wide range of specialized products, developed in a state-of-the-art laboratory and blending plant built in the industrial heart of the country and situated in the most dynamic and growing economy of the region. Given that this is an industry driven by technical excellence, our highly experienced and qualified team have made all the difference in satisfying customer needs and delivering success. Our management leads by example with embedded organizational work ethics that ensures employee engagement to satisfy customers with quality and flexibility.

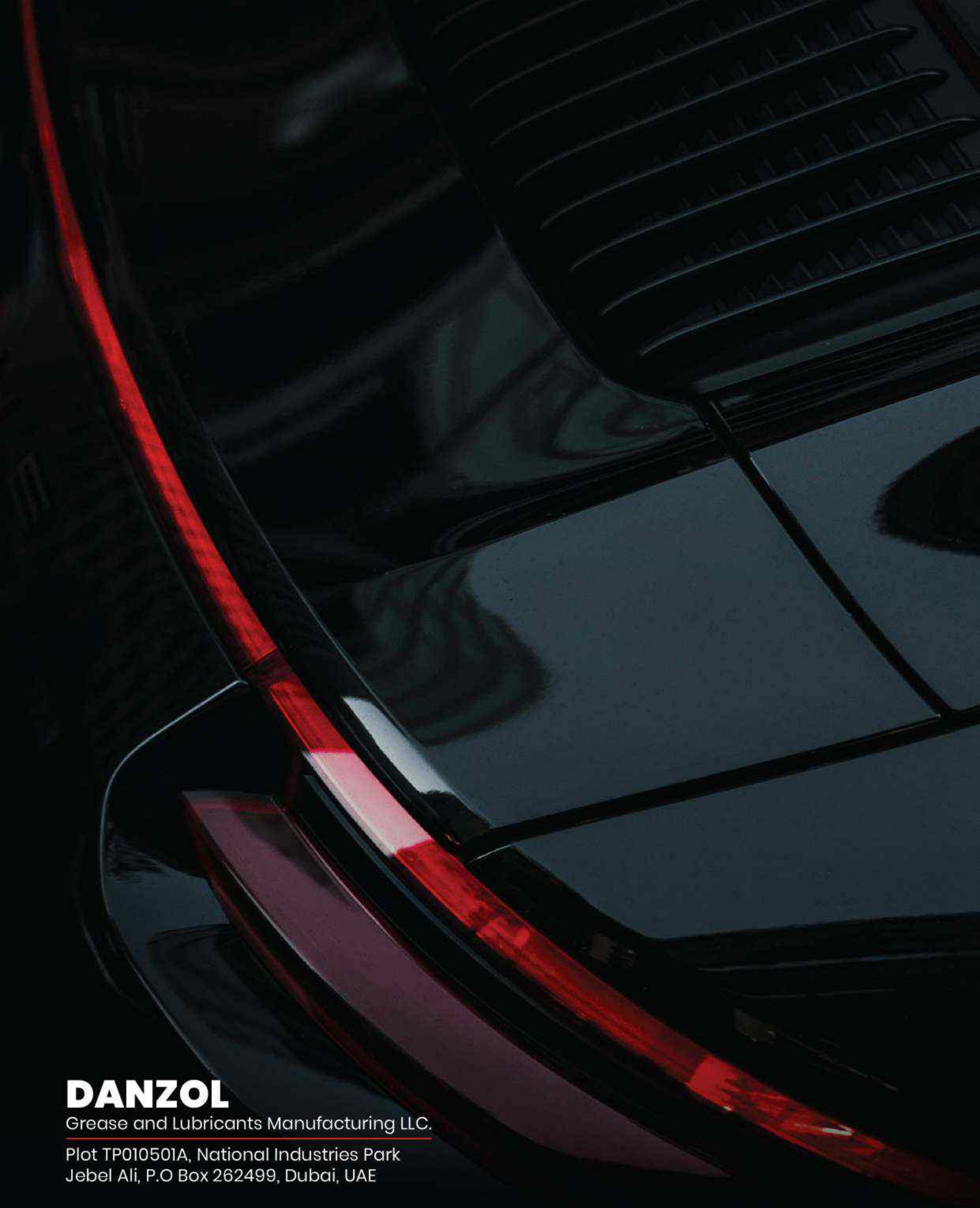


GREASE

PRODUCTS	TYPE	APPLICATION	SPECIFIC ADVANTAGES	THICKNER	NLGI GRADE
DANZOL GENEX GP	General Purpose Grease	General normal load and normal temperature	Economical general-purpose grease for use at ambient temperature or max 90 °C. Water resistance and corrosion protection.	Calcium Anhydrous	2 3
DANZOL MAXIM MP	General Purpose Grease	Multipurpose grease for automotive and industrial applications	Provide good protection against wear, rust and water wash out. Fit for most normal applications	Lithium Based	2 3
DANZOL MAXIM EP	Multi-purpose/ extreme pressure	Bearing grease	Multi-purpose/extreme pressure automotive/ industrial bearing grease. A grease of choice for all standard but demanding applications.	Lithium Based	00 0 1 2 3
DANZOL DANPLEX HT EP	Multi-purpose/ extreme pressure/ high temperature	Bearings, wheel bearings, high temperature and extreme pressure applications	High temperatures, extreme pressures and contaminated environment (water, dust)	Lithium Complex	00 0 1 2 3
DANZOL DOMINUS HT EP	True Multi-purpose/ extreme pressure/ high temperature/ heavy load	Bearings, wheel bearings, steel mills, paper industry, rolling mills, high shock loads,	Most severe demanding applications in Industry, Mining & Marine, outstanding resistance to water, wear/load and mechanical stability, exceptional performance, quality and reliability. First choice for heavily loaded automotive wheel bearings.	Sulfonate Complex	1 2 1 2
DANZOL MOLY DANPLEX HT EP 220	Multi-purpose/ extreme pressure/ high temperature Grease with Solid Lubricants	Bearings, wheel bearings, very high temperature and extreme pressure applications	Meets requirements of Caterpillar 3% Mos2, for heavy duty, slow moving bearings subject to shock loads in mining and steel industry	Lithium Complex with 3% Mos2	2
DANZOL MOLY MAXIM HT EP 220	Multi-purpose/ extreme pressure/ Grease with Solid Lubricants	Bearings, wheel bearings, high temperature and extreme pressure applications	2% Mos2, for heavy duty, slow moving bearings subject to shock loads in mining and steel industry	Lithium Grease with 2% Mos2	2
DANZOL TJC (Tool Joint Compound) Z50SC	Drill Collar & Tool Joint Compound.	Drill Collar & Tool Joint in oilfield drilling industry	Contains prime grade zinc and formulated with 50% metallic zinc, meeting the metallic zinc requirements described in API Bulletin 5A2. Z-50	Complex	2
DANZOL OHC (Overhead Conductor)	Overhead Line Conductor Grease	Cold-applied grease designed specifically for the protection and preservation of overhead line conductors.	Technology to extend the life and efficiency of overhead line conductors by providing optimum anti-corrosion protection and absolute minimal oil separation.	Complex	2
DANZOL CLAYTON 220 NM	Heavy Duty, extreme pressure (EP), clay thickened grease	Bearings operating at very high temperatures where conventional soap based greases typically fail to provide satisfactory lubrication.	Non-melting bentonite thickener keeps consistency at high temperature, Excellent protection against rust and corrosion and storage stability.	Bentonite	2



BO ISO VG	PENETRATION	DROPPING POINT	TEMPERATURE OF USE	FOUR BALL EP WELD LOAD KG	PERFORMANCE
100	280	155 °C	-20 °C to +90 °C	160	DIN 51825:2004-06 - K 2 G -20, ISO 6743-9 L-X BBEA-2
100	240	155 °C	-20 °C to +90 °C	160	DIN 51825:2004-06 - K 3 G -20, ISO 6743-9 L-X BBEA-3
150	280	180 °C	-20 °C to +120 °C	200	DIN 51825:2004-06 - K 2 K -20, ISO 6743-9 L-X BCEA-2
150	240				DIN 51825:2004-06 - K 3 K -20, ISO 6743-9 L-X BCEA-3
100	415	175 °C	-20 °C to +120 °C	250	DIN 51825:2004-06 - KP 00 K -20, ISO 6743-9 L-X BCEB-00
100	365	175 °C	-20 °C to +120 °C		DIN 51825:2004-06 - KP 0 K -20, ISO 6743-9 L-X BCEB-0
220	330	185 °C	-20 °C to +130 °C		DIN 51825:2004-06 - KP 1 K -20, ISO 6743-9 L-X BCEB-1
220	280	185 °C	-20 °C to +130 °C		DIN 51825:2004-06 - KP 2 K -20, ISO 6743-9 L-X BCEB-2
220	240	185 °C	-20 °C to +130 °C		DIN 51825:2004-06 - KP 3 K -20, ISO 6743-9 L-X BCEB-3
100	415	>230 °C	-30 °C to +140 °C	315	DIN 51825:2004-06 - KP 00 N -30, ISO 6743-9 L-X CDEB-00
100	365	>230 °C	-30 °C to +140 °C		DIN 51825:2004-06 - KP 0 N -30, ISO 6743-9 L-X CDEB-0
220	330	>260 °C	-30 °C to +150 °C		DIN 51825:2004-06 - KP 1 N -30, ISO 6743-9 L-X CDEB-1
220	280	>260 °C	-30 °C to +150 °C		DIN 51825:2004-06 - KP 2 N -30, ISO 6743-9 L-X CDEB-2
220	240	>260 °C	-30 °C to +150 °C		DIN 51825:2004-06 - KP 3 N -30, ISO 6743-9 L-X CDEB-3
220	325	>300 °C	-30 °C to +180 °C	>500	DIN 51825:2004-06 - KP 1 R -30, ISO 6743-9 L-X CFHB-1
220	280				DIN 51825:2004-06 - KP 2 R -30, ISO 6743-9 L-X CFHB-2
460	325	>300 °C	-30 °C to +180 °C	>800	DIN 51825:2004-06 - KP 1 R -30, ISO 6743-9 L-X CFHB-1
460	280				DIN 51825:2004-06 - KP 2 R -30, ISO 6743-9 L-X CFHB-2
460	280	>260 °C	-30 °C to +150 °C	400	DIN 51825:2004-06 - KPF 2 N -30, ISO 6743-9 L-X CDEB-2
220	280	200 °C	-20 °C to +130 °C	315	DIN 51825:2004-06 - KPF 2 M -20, ISO 6743-9 L-X BCEB-2
220	285	>300 °C	-30 °C to +180 °C	>800	API Bulletin 5A2, API RP 5A3
NA	285	>300 °C	-50* °C to +180 °C	NA	BS EN 50326:2002, IEC 61394:201
220	280	NON DROP	-20 °C to >160 °C (Base oil Dependant)	200	



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