DANZOL®

FLUENT MOBILITY

INDUSTRIAL AND MARINE PRODUCT PORTFOLIO



HYDRAULIC OIL



Product Name	Viscosity Grade	Specifications
HYDEX HLP	32, 46, 68, 100, 150, 220, 320, 460	ISO 11158 HM, HL DIN 51524/P2, USS 127, 136 Denison HF-1 HF-2, HF-0, ISO 6743/4, DIN 51524/P3, Denison HF-0, CM P-68, P-69, P-70, Vickers I-286-S3
HYDEX HVI	15, 22, 32, 46, 68, 100	ISO 6743/4HM DIN 51524/2
HYDEX H	32, 46, 68, 100, 150	ISO 6743/4HH

INDUSTRIAL GEAR OILS



Product Name	Viscosity Grade	Specifications
GARUX IGO EP	68, 100, 150, 220, 320, 460	DIN 51517 PART3, CLP U.S STEEL 224, AGMA 9005-D94, DAVID BROWN S1, 53101
SYNPA IGO	68, 100, 150, 220, 320, 460	DIN 51517 PART 3, ISO 6743-6 CAT, CKD/CKT, U.S STEEL 224, DAVID BROWN H TYPE, SYNTHETIC BASED

TURBINE OIL



Product Name	Viscosity Grade	Specifications
TURBINE OIL	32, 46, 68, 100	DIN 51515/1, ISO 6743/5

COMPRESSOR OIL



Product Name	Viscosity Grade	Specifications
COMPRESSOR OIL GP	32, 46, 68, 100	FOR RECIPROCATING AND VANE COMPRESSORS
COMPRESSOR OIL SYNTHETIC	32, 46, 68, 100, 150	FOR RECIPROCATING AND SCREW COMPRESSORS

TRANSFORMER OIL



Product Name	Viscosity Grade	Specifications
TRANSFORMER OIL	CLASS I, CLASS II	BS 148, IEC 60296 INHIBITED OR UN-INHIBITED

SPINDLE OIL



Product Name	Viscosity Grade	Specifications
SPINDLE OIL	10, 15, 22	CINCINNATI MILACRON P-45 (ISO 22) P-62 (ISO 10)

CIRCULATING OIL



Product Name	Viscosity Grade	Specifications
CIRCULA	100, 150, 220, 320	RUST & OXIDATION INHIBITED CIRCULATING OILS DIN 51517/2

HEAT TRANSFER OIL



Product Name	Viscosity Grade	Specifications
HEAT TRANSFER OIL	32, 46	DIN 51522, ISO 6743 TYPE Q

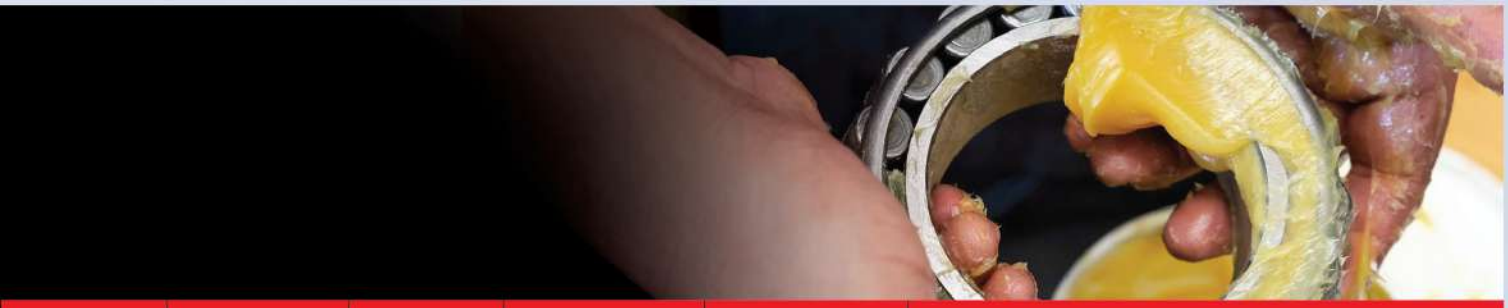
MOULD RELEASE OIL



Product Name	Viscosity Grade	Specifications
MOULD RELEASE OIL	100, 150, 220, 320	FOR DEMOULDING OPERATIONS.

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	

ROCK DRILL OIL



Product Name	Viscosity Grade	Specifications
ROCK DRILL OIL GARUX RDO	100, 150, 220, 320	1S06743/11 CLASS P

METAL WORKING FLUIDS



Product Name	Viscosity Grade	Specifications
CUTTING OIL	SOLUBLE OIL, NEAT CUTTING OIL	FOR METAL WORKING OPERATIONS.

RAIL ROAD ENGINE OIL



Product Name	Viscosity Grade	Specifications
RAIL ROAD OILS	RZF 4013 SAE 40, RZF 4017 SAE 40	API CD, EMD/GE LMOA Gen. 4 & 5, 13, 17 TBN, CAT 3600

NATURAL GAS ENGINE OIL



Product Name	Viscosity Grade	Specifications
LOW ASH GAS ENGINE OIL	30, 40	CAT 3600, CAT 3500 series engine, Waukesha 7044/7042

SLIDEWAY OIL



Product Name	Viscosity Grade	Specifications
SLIDEWAY OIL	32, 46, 68, 100, 150, 220	ISO 6743/4 HM (HYDRAULIC), ISO 6743/6 CKE (GEAR)

TRUNK PISTON ENGINE OILS FOUR STROKE



Product Name	SAE	TBN	Application	
MARINE MP	30,40	10	LOW SULFUR DISTILLATE FUELS	SUITABLE FOR USE IN TRUNK PISTON ENGINES OF WARTSILA (APPROVED), MAN(B&W), NIGATA, CAT, YANMAR, MAK, SULZER
MARINE MP	30,40	12	LOW SULFUR DISTILLATE FUELS	
MARINE MP	30,40	15	LOW SULFUR DISTILLATE FUELS	
MARINE MH	30,40	20	RESIDUAL FUEL OIL (RFO) SULFER UP TO 2.0%	
MARINE MH	30,40	25	RESIDUAL FUEL OIL (RFO) SULFER UP TO 2.5%	
MARINE MH	30,40	30	RESIDUAL FUEL OIL (RFO) SULFER UP TO 3.0%	
MARINE MH	30,40	40	RESIDUAL FUEL OIL (RFO) SULFER UP TO 3.5%	
MARINE MH	30,40	50	RESIDUAL FUEL OIL (RFO) SULFER UP TO 4.0%	
MARINE MH	30,40	55	RESIDUAL FUEL OIL (RFO) SULFER UP TO 4.5%	

CYLINDER OIL TWO STROKE: SYSTEM OIL



Product Name	SAE	TBN	Application	
MARINE SYS	30	6	CROSSHEAD CYLINDER OIL FOR COOLING AND LUBRICATING TWO STROKE ENGINES.	SUITABLE FOR USE IN WARTSILA, MAN(B&W) AND MITSUBISHI TWO STROKE ENGINE USING HIGH SULFUR RESIDUAL FUELS

CYLINDER OIL TWO STROKE: CYLINDER OILS



Product Name	SAE	TBN	Application	
MARINE MC	50	25	LESS THAN 0.5% SULFUR IN FUEL	SUITABLE FOR USE IN TWO STROKE ENGINES OF WARTSILA, MAN(B&W), MITSUBISHI
MARINE MC	50	40	FUEL SULFUR 0.5%	
MARINE MC	50	50	HIGH AND LOW SULFUR FUEL	
MARINE MC	50	70	HIGH SULFUR RESIDUAL FUEL	

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.



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