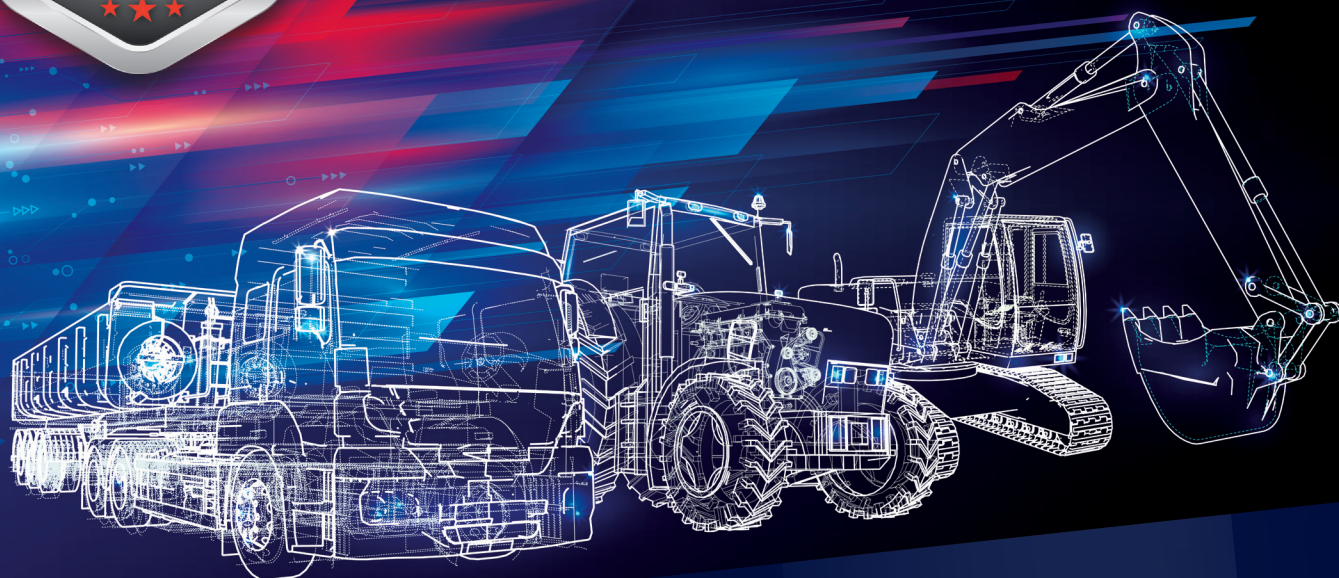




IGOL.

LUBRICANTS



A **PASSION** FOR
PERFORMANCE

**FARMING
TRANSPORT
CONSTRUCTION
RANGE**



WHO ARE WE?



1950



1970



1990



2000

MORE THAN 75 YEARS OF PASSION AND STILL GOING STRONG !

The IGOL brand was created when fifteen heads of independent producers and distributors of lubricants across France joined forces. Since then, the company has grown steadily and is now one of the leading independent manufacturer of lubricants.

Our perennial priorities have been: quality, innovation and close working relationships - all with a view to fostering an effective partnership with every customer.

A PARTNER FOR PERFORMANCE

IGOL has always been involved in motor sports, competing at the highest levels. Rallying and motorcycle racing are embedded in the brand's DNA. Competitive racing provides an ideal and challenging proving ground for innovative lubricants. IGOL is proud to support the performance and achievements of its partners, by enabling them to exceed their expectations.



PACKAGING THAT MEETS YOUR NEEDS



DEDICATED EXPORT TEAM

IGOL INTENSIFIES ITS INTERNATIONAL PRESENCE !

For more than 75 years, IGOL has been designing, developing and manufacturing innovative, state-of-the-art products.

IGOL offers a wide range of lubricants for engines, transmissions and gearboxes, but also complementary products such as greases, coolants, aerosols, cleaning products and cosmetics for all sectors of activity (Automotive, Motorcycle, Farmingculture, Industry...).

With a brand new plant based in the north of France, IGOL continues to invest in research and development and in its production facilities to offer you premium products and services.

FRENCH KNOW-HOW

IGOL exports its French know-how to many countries.

IGOL and its dedicated Export team can help you to grow your business by benefiting from a strong brand with a presence in many international motorsports competitions, state-of-the-art products tailored to your needs and your market, tailor-made marketing tools and actions.



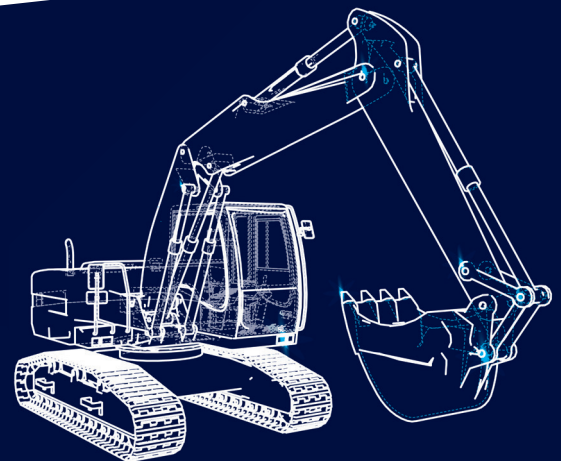
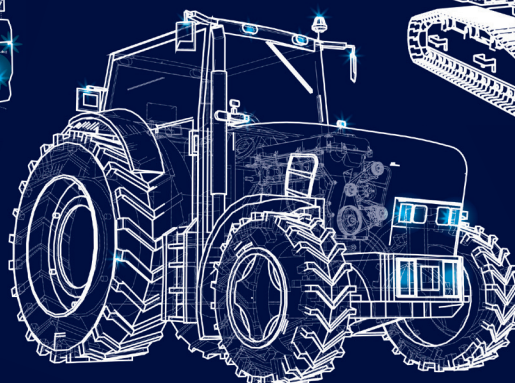
DO YOU WANT TO BECOME A DISTRIBUTOR OF THE IGOL BRAND OR TO KNOW MORE ?

Please contact our Dedicated export team !

By telephone: **+33 6 69 63 99 37**

By email: **export@igol.com**

OUR UNIVERSES



ENGINES

LUBRIFIANT IGOL	SAE	ACEA	API	JASO	IVECO	SCANIA	MAN	MERCEDES BENZ	DAIMLER TRUCK	VOLVO	RE
IGOL PRO 700 X	0W-20							MB 228.71	DTFR 15C140		
IGOL PRO 620 X	5W-20					LDF-5	M 3977				
IGOL PRO 610 X	5W-30		FA-4	DH-2				MB 228.61	DTFR 15C130	VDS-5	R
IGOL PRO 550X	5W-30	E6/E9/E7/ E4/E8/E11	CK-4 / SN	DH-2	18-1804- TLS-E6 TBN >13	LDF-4	M 3777 M 3677	MB 228.52 MB 228.51 MB 228.31	DTFR 15C120 DTFR 15C110 DTFR 15C100	VDS-4.5	R
IGOL PRO 500X	5W-30	E6/E9/E7 E8/E11	CK-4 / SN	DH-2		LDF-4	M 3477 M 3677 M 3775 M 3271-1	MB 228.52 MB 228.51 MB 228.31	DTFR 15C120 DTFR 15C110 DTFR 15C100	VDS-4.5	R
IGOL PRO 450X	5W-40	E9 / E11	CK-4					MB 228.31	DTFR 15C100	VDS-4.5	R
IGOL PRO 450X FE EVO	10W-30	E6/E9/E7 E8/E11	CK-4	DH-2			M 3775 M 3477	MB 228.52 MB 228.51	DTFR 15C120 DTFR 15C110	VDS-4.5	R
IGOL PRO 450X EVO	10W-40	E6/E9/E7 E8/E11	CK-4	DH-2	18-1804- TLS-E9		M 3775	MB 228.52 MB 228.51	DTFR 15C120 DTFR 15C110	VDS-4.5	R
PRO CK-4 LD	10W-40	E6/E9 E8/E11	CK-4		18-1804- TLS-E9		M 3775	MB 228.51 MB 228.31	DTFR 15C110 DTFR 15C100	VDS-4.5	R
	15W-40	E9 / E11	CK-4	DH-2			M 3775	MB 228.31	DTFR 15C100	VDS-4.5	R
IGOL PRO 400X	10W-30	E9/E7 E11	CK-4 / SN	DH-2			M 3575	MB 228.31	DTFR 15C100	VDS-4.5	R
	10W-40	E9/E7 E11	CK-4 / SN	DH-2	18-1804- TLS-E9		M 3775	MB 228.31	DTFR 15C100	VDS-4.5	R
	15W-40	E9 E11	CK-4 / SN	DH-2			M 3575	MB 228.31	DTFR 15C100	VDS-4.5	R
IGOL PRO 200X	10W-40	E6/E7 E8/E9/E11	CI-4	DH-2	18-1804- TLS-E9		M 3477 M 3271-1	MB 228.51	DTFR 15C110	VDS-3	R
IGOL PRO 140X	10W-40	E4/E7	CI-4		18-1804-T3 E4 TBN >15,9	LDF-3	M 3277	MB 228.5	DTFR 15B120	VDS-3	R
IGOL PRO 100X	10W-30	E7	CI-4 / SL				M 3275	MB 228.3	DTFR 15B110	VDS-3	R
	10W-40	E7	CI-4 / SL				M 3275	MB 228.3	DTFR 15B110	VDS-3	R
	15W-40	E7	CI-4 / SL	DH-1	18-1804-T2 E7 TBN >11,2		M 3275	MB 228.3	DTFR 15B110	VDS-3	R
	20W50	E7 A3/B4 (PCMO)	CI-4/SJ				M 3275	MB 228.3 MB 229.1 (PCMO)	DTFR 15B110	VDS-3	R
IGOL PRO 4X	15W-40	Level E2	CG-4				M 271	MB 228.1		VDS	
IGOL PRO 4 MONO	10W/20W 30/40/50	Level E2 CC/SC	CF-4 / SF CF-4 for grade 50								

GAS ENGINE RANGE

IGOL LUBRICANT	SAE	ACEA	API	JASO	JENBACHER NATURAL GAS	JENBACHER BIOGAS	MWM	MAN	ROLLS ROYCE	
IGOL PRO MMX	10W-40	E6/E4/E7	CJ-4	DH-2				M 3477 M 3271-1		
IGOL PRO HMGX	10W-30				TYPE 2/3/4/6 CLASS A	TYPE 2/3/4/6 CLASS B	Natural GAS Bio Gas	M 3271-2	B35:40 - C26:33 K-G1/G2/G3/G4	Sc
IGOL PRO HMGS	40				TYPE 2/3/4/6 CLASS A	TYPE 2/3/4/6 CLASS B	Natural GAS Bio Gas	M 3271- 2	B35:40 - C26:33 K-G1/G2/G3/G4	S

	RENAULT	CUMMINS	DEUTZ	MACK	MTU	CATERPILLAR	NEW HOLLAND	AUTRES	TRANS- PORT	FARMING	CONSTRUCTION
									✓		
									✓		
5	RLD-5	CES 20087						GLOBAL FH-2 Detroit Diesel DDC 93K222	✓		
5	RLD-3	CES 20081 CES 20086	DQC IV-18 LA	EO-S-4.5	MTU Type 3.1	ECF-3		DAF Detroit Diesel DDC 93K222	✓		
5	RLD-3	CES 20081 CES 20086	DQC IV-18 LA	EO-S-4.5	MTU Type 3.1	ECF-3 / ECF-2	CNH MAT 3521	Ford WSS-M2C213-A1 Detroit Diesel DDC 93K222	✓	✓	✓
5	RLD-3	CES 20081 CES 20086		EO-S-4.5	MTU Type 2.1	ECF-3 / ECF-2	CNH MAT 3521	Ford WSS-M2C171-F1 Detroit Diesel DDC 93K222	✓	✓	✓
5	RLD-3	CES 20081 CES 20086	DQC IV-18 LA	EO-S-4.5	MTU Type 3.1	ECF-3 / ECF-2	CNH MAT 3521	Ford WSS-M2C171-F1 DAF PSOL 2.1 E LD Detroit Diesel DDC 93K222	✓	✓	✓
5	RLD-3	CES 20081 CES 20086	DQC IV-18 LA	EO-S-4.5	MTU Type 3.1	ECF-3 / ECF-2	CNH MAT 3521	Detroit Diesel DDC 93K222 Ford WSS-M2C213-A1	✓	✓	✓
5	RLD-3	CES 20086	DQC IV-18 LA	EO-S-4.5		ECF-3 / ECF-2	CNH MAT 3521	Detroit Diesel DDC 93K222	✓	✓	✓
5	RLD-3	CES 20086	DQC III-10 LA	EO-S-4.5	MTU Type 2.1	ECF-3 / ECF-2	CNH MAT 3521	Ford WSS-M2C171-F1 Detroit Diesel DDC 93K222	✓	✓	✓
5	RLD-3	CES 20081	DQC III-10 LA	EO-O Premium Plus		ECF-3 / ECF-2	CNH MAT 3521	DAF PSOL 2.1 E Ford WSS-M2C171-F1 Detroit Diesel DDC 93K222	✓	✓	✓
5	RLD-3	CES 20081	DQC III-18 LA	EO-O Premium Plus	MTU Type 2.1	ECF-3 / ECF-2		Detroit Diesel DDC 93K222	✓	✓	✓
5	RLD-3	CES 20081 CES 20086	DQC IV-18 LA	EO-S-4.5	MTU Type 2.1	ECF-3 / ECF-2		Ford WSS-M2C171-F1 Detroit Diesel DDC 93K222	✓	✓	✓
3	RLD-2	CES 20076 CES 20077	DQC IV-18 LA	EO-N	MTU Type 3.1	ECF-1A			✓	✓	✓
3	RLD-2	CES 20072	DQC III-10	EO-N / EO-M Plus	MTU Type 3			DAF EXTENDED DRAIN	✓	✓	✓
3	RLD-2	CES 20077 CES 20078		EO-N / EO-M Plus	MTU Type 2	ECF-2 / ECF-1A		GLOBAL DHD-1	✓	✓	✓
3	RLD-2	CES 20077 CES 20078	DQC III-10	EO-N / EO-M Plus	MTU Type 2	ECF-2 / ECF-1A		GLOBAL DHD-1 Detroit Diesel DDC 93K215	✓	✓	✓
3	RLD-2	CES 20077 CES 20078	DQC III-10	EO-N / EO-M Plus	MTU Type 2	ECF-2 / ECF-1A	NH-330H	GLOBAL DHD-1 ALLISON TES 439	✓	✓	✓
3	RLD-2	CES 20077 CES 20078	DQC III-10	EO-N / EO-M Plus	MTU Type 2	ECF-2 / ECF-1A	NH-330H	GLOBAL DHD-1 ALLISON TES 439	✓	✓	✓
					MTU Type 1		NH-330 G		✓	✓	✓
								ZF TE-ML 03A	✓	✓	✓

	WARTSILA	CUMMINS	IVECO	MERCEDES BENZ	MTU	VOLVO	RENAULT	SCANIA
		CES 20081	TBN>12	228.51	MTU Type 3.1		RLD-3	Low Ash
33 4	SG34 - SG50	QSK 60						
33 4	SG34 - SG50	QSK 60						

IGOL LUBRICANT	SAE	ACEA	API	ISO	MAN	MB	ALLISON	CATERPILLAR	J
MULTI-PURPOSE									
IGOL PRO MULTI SUPER	10W-30 10W-40	E7/08	SF/CF-4 /CI-4 GL-4 GL-5				C4 (Transmission)	TO-2 (Transmission)	
IGOL PRO MULTI	15W-30 15W-40	E4-08	SF/CG-4 GL-4	ISO-L-HV (68)	MAN 271	228.3 228.1 227.1	C4 (Transmission)	TO-2 (Transmission)	

IGOL LUBRICANT	API	ISO	CATERPILLAR	ALLISON	CLASS	KUBOTA	VALTRA	VOLVO	JOHN DEERE	
TRANSMISSIONS										
IGOL TICMA FLUID PRO	GL-4 GL-4+	ISO-L-HV (46-68)	TO-2	C4	CVT	UDT SUPER UDT	G2-08 G2-10	CE WB 101	JDM J20C JDM J21A	C
IGOL TICMA FLUID V								CE WB 101 CE WB 102		
TICMA FLUID XTREM	GL-4 GL-4+	ISO-L-HV (46-68)	TO-2	C4				CE WB 101	JDM J20C	
IGOL TICMA FLUID HB XTREM	GL-4		TO-2 (SFU)			UDT (SFU)			JDM J20C	
IGOL TICMA FLUID MU	GL-4	ISO-L-HV (46-68)				UDT (SFU)			JDM J20C	
IGOL TICMA FLUID RF	GL-4									

IGOL LUBRICANT	SAE	API	ASTM	DIN	NF E	
HYDRAULIC SYSTEMS						
IGOL TICMA FLUID HV 15 22 32 46 68 100				51524 / Part 3 HVLP	48-603	IS
IGOL TICMA FLUID HVI 13 26			D 6158 HV	51524 / Part 3 HVLP		
IGOL TICMA FLUID LP 20				51524 / Part 3 HVLP		
MATIC LP 20 PBR			D 6158 HV	51524 Part 3 HVLP	AFNOR NF 48 603-HV	
IGOL TICMA FLUID TO4	10W / 30 / 50					
IGOL TICMA FLUID TO-4M	10W-40	GL-4 CF				

JOHN DEERE	MASSEY FERGUSON	FORD	ZF TE-ML	OTHER
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JDM J27	CMS M1139 CMS M1145 (CMS M1144)	ESN-M2C-159B Utilisation pour CNH (Multi-purpose)	ZF TE-ML 06B (couvre ZF TE-ML 06C, 06Q et 06R) ZF TE-ML 06D (Eccom) ZF TE-ML 06F (S-Matic) ZF TE-ML 07B	
JDM J27	CMS M1139 CMS M1145 (CMS M1144)	ESN-M2C-159B Utilisation pour CNH (Multi-purpose)	06B (couvre 06C/06Q/06R) 06D (Eccom) 06F (S-Matic) 07B (Transmissions)	MIL-L-2104D (Engine) (SFU)

MASSEY FERGUSON	FORD	CNH MAT	CASE	ZF TE-ML	OTHER
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CMS M1135 CMS M1141 CMS M1143 CMS M1145 CMS 1129A CMS 1127A&B	ESN-M2C 86C, ESN-M2C134 -A, B, C, D FNHA 2 -C-200.00 FNHA 2 -C- 201.00	CNH MAT 3505 CNH MAT 3525 CNH MAT 3526 CNH MAT 3540 NH405B NH410B NH410C	MS 1206 MS 1207 MS 1210 IH B6	03E 05F 06K 17E 21F	AGCO POWERFLUID 821 (SFU) AGCO POWERFLUID 821XL (SFU) Minneapolis-Moline Q-1766, Q-1722, Q-1766B (SFU) Oliver Q-1705, Q-1802 (SFU) New Idea Type 55 (SFU) Valmet MC CORMICK HTX (SFU) Steiger SEMS 17001 (SFU) CLASS CVT / VALTRA G2-08 G2-10 Manitou AF-87 - Multi-F Multi-G Renault-Fiat AF-87 - Multi-F Multi-G
CMS M1135 CMS M1141 CMS M1143 CMS M1145		MAT 3505 / MAT 3509 / MAT 3525 / MAT 3526 (SFU) / MAT 3540 / NH410B / NH410C / NH405B		03E 05F 06K 17E	AGCO POWERFLUID 821 (SFU) AGCO POWERFLUID 821XL (SFU) FNHA-201.00 (SFU) / FNHA 2 -C-200.00 (SFU) JCB 4000 / 2200
CMS M1135 CMS M1141 CMS M1143 CMS M1145	ESN-M2C-86C ESN-M2C-134D	MAT 3505 MAT 3525	CASE IH B6 MS 1207 MS 1209 MS 1210		Denison Vickers
CMS M1135 CMS M1141 CMS M1143	ESN-M2C-86C ESN-M2C-134D	MAT 3505 MAT 3525	MS 1206		
M1135	ESN M2C86-B				VALMET

ISO	ALLISON	CATERPILLAR	ZF TE-ML	OTHER
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ISO 11158 Cat. HV ISO-L-HV 15 22 32 46 68 100				DENISON HFO (Pompe T6C-020)
11158 (HV)				
11158 / Cat. HV 46				
11158 / Cat. HV 46 ISO 6743/4 HV			07H21M	Parker Denison HF-0, HF-1, HF-2 Poclain Hydraulics PH 904089920Q* Bosch Rexroth RDE 90235* Eaton Brochure 03-401-2010 / Fives Cincinnati P-68, P-69, P-70
	C4	TO-4		
	C4 TES-439	TO-4M	03C	

IGOL LUBRICANT	SAE	API	MIL	MAN	ZF TE-ML	
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GEARBOXES

TRANS GEAR MBT	75W-90	GL-4		341 Type MB	08	
TRANS GEAR ZF PLUS	75W-80	GL-4		341 Type Z4 341 Type E3	01L / 02L 16K (rail application)	
ZF ECOFLUID M	75W-80			MAN 341 Type Z-5	01E/02E/16P	

GEARBOXES AND AXLES

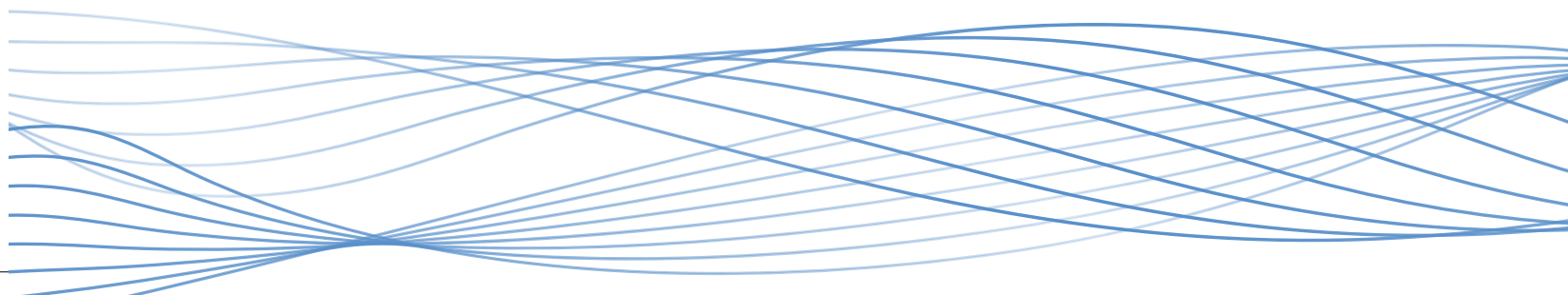
GEAR S	80W-90	GL-5		342 Type M-2		
	85W-140	GL-5				
GEAR SYNTH	75W-90	GL-4 GL-5		3343 S	02B/05B/12B/16F/17 B 19C/21B	
HYPOID B	80W-90	GL-5	MIL-PRF-2105 D	342 Type M1 & M2	05A/07A/08/12A/16 B 16C/17B/19B/21A	
	85W- 140	GL-5	MIL-PRF-2105 D		07A/08/12E/16C 16D/21A	
SYNTHEGEAR	75W-90	GL-4 GL-5 MT-1	MIL-PRF-2105 E	3343 S / 341 Typ E-3 341 Typ Z2 / 342 Typ S1 342 M3	02B/05B/12L/12N/16 F 17B/19C/21B	
SYNTHEGEAR LS	75W-90	GL-4 GL-5 MT-1	MIL-L-2105D MIL- PRF- 2105E	3343 Type S / MAN 341 Type E3 / Z2 / MAN 342 M3	02B/05B/12L/12N/16 F 17B/19C/21B	S
	75W-140	GL-4 GL-5 LS			05B/12B	
TRANS EPA	80W-90	GL-4				

AXLES

HYPOID BPA	80W-90	GL-5 LS	MIL-L-2105 D	342 Type M1	05C/07A/12C/16B/16C/ 16D/16E/17B/19B/21A/21C	
	140	GL-5 LS	MIL-L-2105 D	342 Type M1	07A/16B/16C/16D 17B/19B/21A	
IGOL R	90					

RANGE

GEAR XTREM	80W-110	GL-5 LS GL-4 MT-1				
GEAR	75W-90	GL-5				



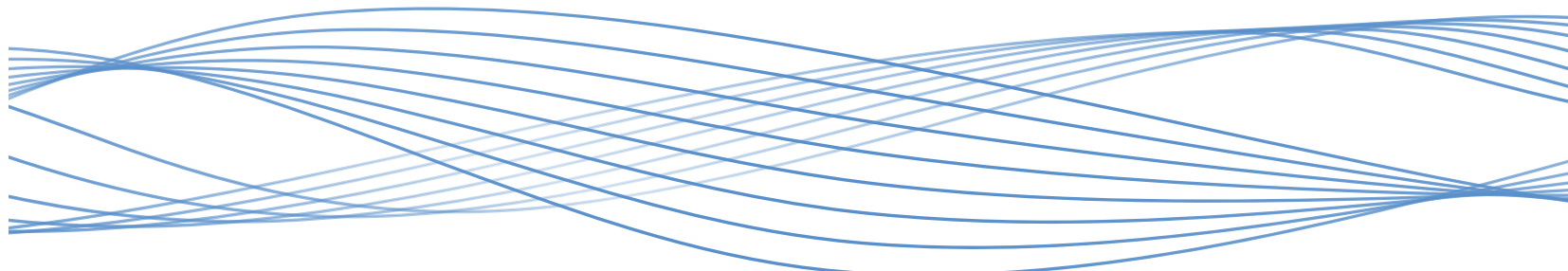
SCANIA	MERCEDES BENZ	DAIMLER TRUCK	VOLVO	MACK	ARVIN MERITOR	FORD	OTHER
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	235.11	DTFR 13B110					
		DTFR 13B160 DTFR 13D120	97305 97307				DAF IVECO RENAULT

STO 1:0							
STO 1:0							
STO 1:0	235.8	DTFR 12B140	97312				
	235.0	DTFR 12B100					
			1273.10				
STO 1:0 / STO 2 :A FS STO 1 :1G	235.8	DTFR 12B140	97312 SAE J 2360	GO-J	0-76-N		DAF IVECO
STO 1:0 / STO 2: A FS STO 1:1 G	235.8	DTFR 12B140	97312 SAE J 2360	GO-J	0-76-N		DAF IVECO
STO 1:0						M2C-192-A	GM 12346140
		DTFR 13B170					

	235.0	DTFR 12B100	97310 97316				DAF VOITH 3.325-339 RENAULT (where a GL-5 axle oil is recommended)
	235.0	DTFR 12B100	97310 97316				
							Rear worm-drive axles with a bronze crown wheel

			GO 101				



IGOL LUBRICANT	THICKENER	NATURE OF BASE OIL	KINEMATIC VISCOSITY OF BASE OIL AT 40°C	COLOUR
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AUTOMOTIVE & INDUSTRY

IGOL POLYSER C	Ca	Min.	110	Amber
IGOL ROULEMENT EP 0, 00, 000	Li	Min.	60	Amber
IGOL ROULEMENT EP 1, 3	Li	Min.	130	Amber
IGOL ROULEMENT EP 2 C	Ca	Min.	220	Amber
IGOL ROULEMENT BIMO EP	Li	Min.	130	Grey
IGOL SHP 50 C	Ca	Min.	310	Green
IGOL SELLETES	Li/Ca	Min.	> 1032	Black
IGOL GREASE BRH	Li/Ca	Min.	300	Grey
IGOL PERFECT PLUS	Li/Ca	Min.	150	Green
IGOL PREMIUM GREASE	Li complex (3S)	Min.	100	Green
IGOL RALLYE GREASE	Li complex (3S)	Min.	220	Blue

BIODEGRADABLE (as per standards OECD 301B or CEC-L-33-T82, see datasheet for details and values)

IGOL PROBEOL GREASE G	Inorganic	Ester	46	Colorless
IGOL PROBEOL GREASE SHP 50 EL	Ca	Ester	130	Brown

MAINTENANCE PASTES

IGOL PÂTE AS 450	Li	Min.	100-150	Black
IGOL PÂTE THERMO CONTACT	Li	Min.	100-150	Reddish
IGOL PÂTE TE 1000	Li	Min.	90-120	Coppery



GRADE	WELD-POINT TEST (KG)	DROP POINT TEST (°C)	MIN. TEMPERATURE (°C)	MAX. TEMPERATURE (°C)
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2	300	>140	-30	120
000 à 0	250	>170	-30	120
1 à 3	>285	>180	-20	130
2	300	>140	-30	120
2	>280	>190	-30	140
2	320	>140	-30	120
2	>900	>170	-10	120
2	>500	>180	-30	140
2	>315	>180	-30	120
2	>315	>250	-20	180
2	>355	>240	-20	160

00-000	>200	none	-30	150
2	>250	>140	-20	100

2		>180	-20	450
1		>180	-20	600
1		>180	-10	1100 in static





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IGOL.
LUBRICANTS

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