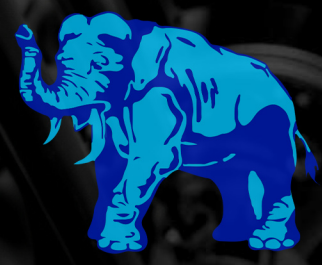


STRONG®



At **STRONG** Lubricants
We Bring **Perfection**
With Care



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AUTOMOTIVE



MOTORCYCLE



TRANSPORT



MINING



MARINE



AGRICULTURE

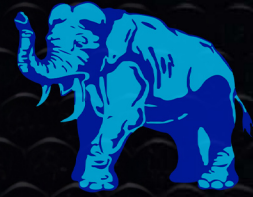


INDUSTRIAL



FORESTRY

STRONG®



100%
Customer Satisfaction Promised





AVAILABLE PACKING

1L, 4L, 5L, 20L, 208L

GASOLINE ENGINE OILS

زيوت محركات البنزين

SAE Viscosity	K.Viscosity (cSt)		VI	Flash Point °C	Pour Point °C	Application
	40 °C	100 °C				
0W20	46	8.25	155	232	-39	* API SL, SM, SN
5W30	57.8	10.2	166	240	-39	* API SL, SM, SN
5W40	85.3	14.3	174	242	-39	
10W40	105	14.9	148	228	-36	* API SL, SM, SN
20W50	160	19.1	136	242	-29	

*Information and figures given herein are typical of current production and conform to specifications, slight variations may occur.



AVAILABLE PACKING

1L, 4L, 5L, 20L, 208L

DIESEL ENGINE OILS

زيوت محركات الديزل

SAE Viscosity	K.Viscosity (cSt)		VI	Flash Point °C	Pour Point °C	Application
	40 °C	100 °C				
5W30	64	10.5	153	224	-39	* API CH, CI, CJ, CK *ACEA A3/B4
5W40	103	14.9	151	238	-39	
10W40	92.5	14.3	160	242	-39	* API CH, CI, CJ, CK *ACEA A3/B4
15W40	103	14.5	145	234	-32	* API CH, CI, CJ, CK *ACEA A3/B4
20W50	155	19.1	140	248	-30	* API CH, CI, CJ, CK *ACEA A3/B4

*Information and figures given herein are typical of current production and conform to specifications, slight variations may occur.

GEAR OILS

زيوت التروس

SAE Viscosity	K.Viscosity (cSt)		VI	Flash Point °C	Pour Point °C	Application
	40 °C	100 °C				
SAE 90	161	15.5	95	230	-33	GL-4, GL-5
SAE 140	204	18.0	95	310	-12	
80W90	136	14.5	105	202	-30	
80W140	188.9	25	165	225	-38	
85W140	410	28.9	96	210	-15	

*Information and figures given herein are typical of current production and conform to specifications, slight variations may occur.



AVAILABLE PACKING

1L, 4L, 5L, 20L, 208L

TRACTOR FLUID

سائل الجرار

SAE Viscosity	K.Viscosity (cSt)		VI	Flash Point °C	Pour Point °C	Application
	40 °C	100 °C				
GL-5	69.3	10.4	136	230	-36	GL-4, GL-5

*Information and figures given herein are typical of current production and conform to specifications, slight variations may occur.

ATF (Automatic Transmission Fluid)

السائل ناقل حركة أوتوماتيكي

DEX Viscosity	K.Viscosity (cSt)		VI	Flash Point °C	Pour Point °C	Application
	40 °C	100 °C				
ATF II	28.0	5.8	160	222	-51	Dexron - 2
ATF III	38.0	7.6	175	226	-45	Dexron - 3
CVT Fluid	34.2	7.1	179	214	-51	Suitable for use where Dexron VI is required

*Information and figures given herein are typical of current production and conform to specifications, slight variations may occur.



AVAILABLE PACKING

1L, 4L, 5L, 20L, 208L



AVAILABLE PACKING

1L, 4L, 5L, 20L, 208L



AVAILABLE PACKING

1L, 4L, 5L, 20L, 208L

MOTORCYCLE OILS

زيوت الدرجات النارية

SAE Viscosity	K. Viscosity (cSt)		VI	Flash Point °C	Pour Point °C	Application
	40 °C	100 °C				
4T	98.5	14.5	152	226	-40	For 4-strokes engine motorcycles. JASO MA MA2 API SN
10W40	108.1	14.6	139	236	-36	
20W50	160.5	18.8	132	248	-33	

*Information and figures given herein are typical of current production and conform to specifications, slight variations may occur.

COMPRESSOR OILS

زيت الضاغط

API Viscosity	Specific gravity (15/4 °C)	K. Viscosity (cSt)		VI	Flash Point °C	Pour Point °C	copper-corrosion (100°C, 3hrs)	Application
		40 °C	100 °C					
ISO VG 32	0.860	32.0	5.5	108	230	-30	1a	*Reciprocating type compressors
ISO VG 46	0.867	46.0	7.0	109	234	-30	1a	
ISO VG 68	0.872	68.0	9.0	107	236	-27	1a	
ISO VG 32	0.860	32.0	5.5	108	230	-30	1a	*Rotary type compressors
ISO VG 46	0.867	46.0	7.0	109	234	-30	1a	
ISO VG 68	0.872	68.0	9.0	107	236	-27	1a	

*Information and figures given herein are typical of current production and conform to specifications, slight variations may occur.

ANTIFREEZE COOLANT

سائل تبريد المحرك

Concentration (%)		Freezing Point (°C)
Water (%)	A/F (%)	
0(%)	100(%)	-20°C
70(%)	30(%)	-17°C
50(%)	50(%)	-36°C
40(%)	60(%)	-52°C
30(%)	70(%)	-18°C

*Information and figures given herein are typical of current production and conform to specifications, slight variations may occur.

HYDRAULIC OILS

زيوت هيدروليكية

API Viscosity	Specific gravity (15/4 °C)	K.Viscosity(cSt)		VI	Flash Point °C	Pour Point °C	copper-corrosion (100°C, 3hrs)	Application
		40 °C	100 °C					
ISO VG32	0.858	32.0	5.5	108	228	-33	1a	*Anti-wear type (AW Type) *General purpose *General hydraulic system oil circulation system. compressor & bearing oils
ISO VG 46	0.862	46.0	7.1	113	234	-30	1a	
ISO VG 68	0.871	68.0	9.1	109	238	-30	1a	
ISO VG 100	0.878	96.0	11.3	104	240	-27	1a	
ISO VG 150	0.880	150.0	15.3	103	246	-24	1a	

*Information and figures given herein are typical of current production and conform to specifications, slight variations may occur.



AVAILABLE PACKING

1L, 4L, 5L, 20L, 208L

BRAKE FLUID

زيت الفرامل

Type	K.Viscosity(cSt)		Corrosion test 120 Hrs.	ERP/B	pH	Wet ERP/B	Application
	40 °C	100 °C					
DOT 3	1300	2.4	Pass	238	9	148	* For use in automotive disc, drum and anti-skid brake systems and clutch systems.
DOT 4	1250	2.1	Pass	270	8	170	* For hydraulic disc brakes and drum brakes on motorcycles, cars, commercial vehicles and machines.

*Information and figures given herein are typical of current production and conform to specifications, slight variations may occur.

MACHINE OILS

زيوت الآلات

API Viscosity	Specific gravity (15/4 °C)	K.Viscosity(cSt)		VI	Flash Point °C	Pour Point °C	copper-corrosion (100°C, 3hrs)	Application
		40 °C	100 °C					
ISO VG 10	0.830	10.0	2.7	108	179	-45	1a	*High speed spindle bearing
ISO VG 15	0.830	15.0	3.5	112	208	-39	1a	
ISO VG 22	0.842	22.0	4.37	107	224	-27	1a	
ISO VG 68	0.870	68.0	8.92	105	240	-24	1a	
ISO VG 100	0.878	100.0	11.7	105	248	-21	1a	*Multi-purpose industrial oil
ISO VG 150	0.880	150.0	15.2	102	252	-12	1a	
ISO VG 220	0.885	220.0	19.5	101	256	-12	1a	
ISO VG 320	0.890	320.0	25	100	260	-9	1a	
ISO VG 460	0.890	460.0	30.9	97	266	-9	1a	

*Information and figures given herein are typical of current production and conform to specifications, slight variations may occur.



AVAILABLE PACKING

20L, 208L



AVAILABLE PACKING

1L, 4L, 5L, 20L, 208L

INDUSTRIAL GEAR OILS

زيوت التروس الصناعية

ISO Viscosity	Specific gravity (15/4 °C)	K.Viscosity(cSt)		VI	Flash Point °C	Pour Point °C	copper-corrosion (100°C, 3hrs)	Application
		40 °C	100 °C					
ISO VG 68	0.870	68.0	8.8	102.0	242	-27	1b	*Multi-purpose EP industrial oil
ISO VG 100	0.880	100.0	11.5	102.0	248	-27	1b	
ISO VG 150	0.880	150.0	15.1	101.0	252	-27	1b	
ISO VG 220	0.890	220.0	19.5	101.0	256	-24	1b	
ISO VG 320	0.895	320.0	24.9	100.0	270	-24	1b	
ISO VG 460	0.901	460.0	31.7	100.0	276	-21	1b	
ISO VG 680	0.901	680.0	43.0	106.0	282	-21	1b	

*Information and figures given herein are typical of current production and conform to specifications, slight variations may occur.

HEAT TRANSFER OIL

زيت نقل الحرارة



AVAILABLE PACKING

20L, 208L

API Viscosity	Specific gravity (15/4 °C)	K.Viscosity(cSt)		VI	Flash Point °C	Pour Point °C	copper-corrosion (100°C, 3hrs)	Application
		40 °C	100 °C					
ISO VG 32	0.850	32.0	5.5	108	230	-15	1a	*Various kinds of oil application for heat transfer
ISO VG 46	0.860	46.0	7.0	109	250	-15	1a	

*Information and figures given herein are typical of current production and conform to specifications, slight variations may occur.

TRANSFORMER OIL

زيت المحولات

API Viscosity	K.Viscosity (cSt) 40 °C	Viscosity Index	Flash Point (PMCC)	Pour Point	Before Treatment	After Treatment	Application
Inhibited	8.9	≥110	≥150	-30	>30	>70	*Transformer oil is used to insulate high-voltage electrical infrastructure such as transformers, capacitors, switches and circuit breakers.
Uninhibited I	15.0	≥110	≥150	-36	>30	>70	
Uninhibited II	10.0	≥110	≥150	-48	>30	>70	

*Information and figures given herein are typical of current production and conform to specifications, slight variations may occur.

MARINE ENGINE OIL

زيت المحرك البحري

API Viscosity	K.Viscosity(cSt)		VI	TBN	Flash Point °C	Pour Point °C	Application
	100 °C						
SAE 30	9.3		≥95	40	≥230	-12	* All types of marine engines
SAE 40	12.5		≥95	40	≥230	-9	
SAE 50	16.3		≥95	40	≥230	-6	

*Information and figures given herein are typical of current production and conform to specifications, slight variations may occur.

SOLUBLE CUTTING OIL

زيوت القطع القابلة للذوبان

Cutting Oil	Specific gravity (15/4 °C)	K.Viscosity(cSt)		Emulsion Type	Corrosion Test	pH at 3% Emulsion	Refractometer correction Factor	Application
		40 °C	100 °C					
Soluble Cutting Oil	0.95	>40.0	>6.0	Milky	3	9.1	1	*fabricating, forming, stamping, turning, milling sawing, bending, broaching and tapping.

*Information and figures given herein are typical of current production and conform to specifications, slight variations may occur.

THREAD CUTTING OIL

زيت قطع الخيط

Cutting Oil	K.Viscosity(cSt)		Copper Strip Corrosion for 3 Hrs.	Flash Point	Active Sulphur	Application
	40 °C					
Thread Cutting Oil	32		1a	>215	Nil	*lubricate, dissipate heat, from the tool and workpiece, and remove chips during the cutting process.

*Information and figures given herein are typical of current production and conform to specifications, slight variations may occur.

NEAT CUTTING OIL

زيت قطع المنظم

Cutting Oil	K.Viscosity(cSt)		Copper Strip Corrosion for 3 Hrs.	Flash Point	Active Sulphur	Application
	40 °C					
Neat Cutting Oil	36		1a	>215	Nil	* light machining to heavy-duty operations, eg., gear hobbing, broaching, turning, honing and drilling.

*Information and figures given herein are typical of current production and conform to specifications, slight variations may occur.

SLIDEWAY OILS

زيوت الممرات المنزلقة

API Viscosity	Specific gravity (15/4 °C)	K.Viscosity(cSt)		VI	Flash Point °C	Pour Point °C	copper-corrosion (100°C, 3hrs)	Application
		40 °C	100 °C					
ISO VG 32	0.860	32.0	5.9	130	230	-36	1a	*Slideway and hydraulic oil for lightly loaded machining equipments
ISO VG 68	0.874	68.0	9.7	124	248	-27	1a	*Slideway for medium and heavy loaded equipments
ISO VG 100	0.885	220.0	20.5	248	252	-24	1a	*Vertical or heavily loaded slideway oil

*Information and figures given herein are typical of current production and conform to specifications, slight variations may occur.



AVAILABLE PACKING

1L, 4L, 5L, 20L, 208L



AVAILABLE PACKING

1L, 4L, 5L, 20L, 208L

MULTI-PURPOSE GREASE

شمع متعدد الأغراض



Color	Soap	Penetration (NLGL)	Melting Point (°C)	Oil Separation	Oxidation Stability	Copper Corrosion	Service Temp	Properties	Application
Dark Brown	Lithium	00 (415)	190	8.5	0.25	PASS	-30.0°C ~120°C	*High EP *Good Antiwear *Oxidation stability *Corrosion control *Rust preventative *Good water-washout characteristic	*Central grease feeding system *EP point *Concrete pump-car *Wheel bearing grease *Ball joint, universal joint and etc... *Construction equipment *Heavy-duty equipment *Automotive CVJ
		0 (370)	195	7.5	0.25	PASS	-30.0°C ~120°C		
		1 (320)	202	5.0	0.25	PASS	-30.0°C ~130°C		
		2 (270)	208	2.5	0.25	PASS	-30.0°C ~130°C		
		3 (235)	208	1.5	0.25	PASS	-30.0°C ~130°C		
Red	Lithium	2 (270)	210		0.25	PASS	-30.0°C ~140°C	*Excellent coherence *Good	*Where noise - reducing water resisting lubricating area *Rolling bearing or sliding area requiring sealing
Blue		2 (270)	210		0.25	PASS	-30.0°C ~140°C		
Black	Lithium	2 (270)	220		0.25	PASS	-30.0°C ~150°C	*Very high EP *Anti-wear *Usable under severely high load	*Automotive CVJ *Anti-wear for various bearings *Joint and spline shaft *EP and antiwear required

AVAILABLE PACKING

0.5Kg, 1Kg, 15Kg, 180Kg

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