

Company Introduction

Industrial Lubricants

ideuk co., ltd.

Attached lube a research

Head office & factory

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Company History

- 1989 Ideuk lubricant establishment
- 2000 Conversion by ideuk Co., Ltd.
- 2000 ISO 9001 certification (QMI)
- 2000 Machine oil (inclusion 4 items) KS certification
- 2001 Small and medium business administration excellent product mark certification (5 items)
- 2002 Corporation attachment Institute for chemical research certification (Korea Industrial Technology Association)
- 2002 Small and medium business administration excellent product mark certification (12 items)
- 2002 Trade business statement
- 2002 ISO 14001 certification (QMI)
- 2002 Korea standard association top goods certification
- 2002 Cutting fluid oil(inclusion 5 items) KS certification addition
- 2006 (INNO-BIZ)



Production

• Hydraulic Fluids

- Mineral oil type : Dalrija HV 22, 32, 46, 68, 100, 150, 220
- Synthetic oil type :
Biodegradable Hydraulic Fluids : Dalrija Syn 32, 46, 68, 100
Incombustibility Hydraulic Fluids : Dalrija HFs 46

• Gear Fluids

- Mineral oil type : Super EP 100, 150, 220, 320, 460
- Synthetic oil type : Super EP Syn 100, 150, 220, 320, 460

• Heat Transfer Fluids

- Mineral oil type : THERM 1350
- Synthetic oil type : THERM 1250 (Alkylbenzene)
Water Glycol Q 510 (PAGs)

• Compressor Fluids

- Mineral oil type : Comp 32, 46, 68, 100
- Synthetic oil type : Comp Syn 32, 46, 68 (Di-Ester)

• Vacuum Pump Fluids

- Mineral oil type : EM 350, 300
- Synthetic oil type : EM Syn 500 (PAO)

• Bearing Oil

- Mineral oil type : Bearing 2, 3, 5, 7, 10, 15, 22, 32, 46, 68, 100, 150, 220, 320, 460



Production

- **Machine Oil**

- Mineral oil type : LAC 2, 3, 5, 7, 10, 15, 22, 32, 46, 68, 100, 150, 220, 320, 460

- **Refrigerating Machine Fluids (Ester, PAO, PAGs, Alkylbenzene)**

- Synthetic oil type : Hi-Freeze 10, 15, 22, 32, 46, 68

- **Process Oil**

- Paraffin : P-1, 2, 3, 4, 6

- **Turbine Fluids**

- Mineral oil type : Thrbin 32, 46, 68, 100
- Synthetic oil type : Thrbin Syn 32, 46, 68,

- **General Purpose Oil (White oil)**

- HP 080
- HS 080, 220, 320, 460, 500L, 800, 980,
- EU 300, 300L, 400, 600, 800,
- SYN 20

- **Liquid Paraffin**

- UDP 30L, 40L, 60L, 80L, 200, 300, 900,

- **Heat Treating Fluids**

- Mineral oil type : A 101, 201, 301
- Synthetic oil type : Quench B, HT



Production

- **Metal Working Fluids(Cutting Fluids)**
 - Insoluble Type : HOMCUT 201, 202, 203, 204, 205, 206, 207, 208, 209, 210
HOMCUT 301, 302, 303, 304, 305, 306, 307, 308, 309, 310
 - Water-Soluble Type : CTE 200A, 200B, 200C, 200D, 200G, 200F, 200H
CTE 300A, 300B, 300C, 300D, 300G, 300F, 300H
- **Use a water-soluble cutting oil & hydraulic oil & slide-way oil** : CTE 600
- **Mist Oil (Cool wind spray Type)** : MIT 260, 320
- **High Temperature Chain Oil (Synthetic Base Oil)** : Chin oil 220, 260
- **Grease**
 - EP 2 : KR 6102, high temperature : HM 7052M, Urea : HB 3102
- **Lamp oil** : Lamp 200D, 200M, 200L
- **Oil Spill Dispersants** : Clean 1000, 5000
- **Oiless Bearing Oil** : Oiless Bearing Oil 2, 5, 36, 60, 70
- **Plastic working oil**
 - Heading Oil 500, - Drawing & Extrusion Oil 2004, - Forging Oil 2004

Hydraulic oil series

• Characteristic

- Anti-wear & High viscosity index, Oxidation stability, Water separability, Anti-foaming, Rust & corrosion prevention etc. is very excellent.

• Usage

- hydraulic machine oil, middle & high speed bearing oil, low-load gear oil, normal machine oil

• Typical Properties

Product	Specific Gravity 15/4	Kinematic Viscosity cSt		Flash Point	Viscosity Index	Pour Point	Color ASTM
		40	100				
Dalrija HV 22	0.871	22.0	4.6	210	125	-40	L 1.0
Dalrija HV 32	0.872	32.0	5.5	220	125	-40	L 1.0
Dalrija HV 46	0.873	46.0	6.5	225	125	-40	L 1.5
Dalrija HV 68	0.874	68.0	7.7	230	125	-40	L 1.5
Dalrija HV 100	0.876	100	10.5	240	125	-40	L 1.5
Dalrija HV 150	0.876	150	16.5	240	115	-30	L 1.5
Dalrija HV 220	0.876	220	21.0	240	110	-40	L 1.5

Above value is the latest test result and it can be some difference in extent that there is no effect in performance.

Synthetic hydraulic oil series

• Ester basestock biodegradable hydraulic oil fluids

Product	Specific Gravity 15/4	Kinematic Viscosity cSt		Flash Point	Viscosity Index	Pour Point	Others
		40	100				
Dalrija Syn 32	0.88	32.0	7.0	230	175	-50	Ester
Dalrija Syn 46	0.88	46.0	9.0	230	175	-50	Ester
Dalrija Syn 68	0.88	68.0	12.0	230	175	-50	Ester
Dalrija Syn 100	0.88	100	16.0	240	175	-50	Ester

• PAGs incombustibility hydraulic oil fluids

Product	Specific Gravity 15/4	Kinematic Viscosity cSt		pH	Others
		40	100		
Dalrija HFS 46	1.05	46.0	10.0	9.5	PAGs

Above value is the latest test result and it can be some difference in extent that there is no effect in performance.

Industrial gear oil

- **Characteristic**

- Extreme pressure, oxidation stability, Anti-foaming, Rust & corrosion prevention etc. is very excellent.

- **Usage**

- Closeness gear system, Reducer, Middle speed system, gear box etc.

- **Typical Properties**

Product	Specific Gravity 15/4	Kinematic Viscosity cSt, 40	Viscosity Index	Flash Point	Pour Point
Super EP 100	0.892	100	110	230	-15
Super EP 150	0.895	150	110	232	-15
Super EP 220	0.895	220	110	240	-15
Super EP 320	0.912	320	100	255	-15
Super EP 460	0.915	460	100	263	-15

Above value is the latest test result and it can be some difference in extent that there is no effect in performance.

Synthetic industrial gear oil

- **Characteristic**

- Ester basestock biodegradable Gear oil fluids

- **Typical Properties**

Product	Specific Gravity 15/4	Kinematic Viscosity cSt, 40	Viscosity Index	Flash Point	Pour Point
Super EP Syn 100	0.892	100	120	230	-40
Super EP Syn 150	0.895	150	120	232	-40
Super EP Syn 220	0.895	220	120	240	-40
Super EP Syn 320	0.912	320	120	255	-40
Super EP Syn 460	0.915	460	120	263	-40

Above value is the latest test result and it can be some difference in extent that there is no effect in performance.

Heat transfer oil

• Usage

Suitable using temperature of Therm 1350 extent - 20 ~ 320 degree and is used by heat transfer medium of various closeness circulation indirect heater, chemical industry heating, dye works Tendering machine, asphalt heater etc.

• Typical Properties

Product	Specific Gravity 15/4	Kinematic Viscosity cSt, 40	Flash Point	Pour Point	Color ASTM	Corrosive Test (100 3h)	Others
THERM 1350	0.860	28.8-35.2	215	-15	L0.5	1a	Mineral Oil
THERM 1250	0.872	13.5-16.5	185	-45	L0.5	1a	Alkylbenzene
Water Glycol Q 510	0.900	42.0~50.0	pH9.5			1a	PAGs

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Compressor oil

- **Usage**

- Reciprocating/rotating air compressor and cylinder of gas compressor and crank case, vacuum distillation unit etc.

- **Typical Properties (Mineral oil base)**

Product	Viscosity cSt, 40	Flash Point	Pour Point	Ash(%)	Moisture (ppm)	Total Acid Value mgKOH/g
Comp 32	32.0	220	- 15			
Comp 46	46.23	229	- 15	0.01	0.01	0.05
Comp 68	68.0	235	- 15			
Comp 100	100.0	247	- 12.5			

- **Typical Properties (Ester basestock biodegradable)**

Product	Viscosity cSt, 40	Flash Point	Pour Point	Ash(%)	Moisture (ppm)	Total Acid Value mgKOH/g
Comp Syn 32	32.0	220	- 40			
Comp Syn 46	46.0	229	- 40	0.01	0.01	0.05
Comp Syn 68	68.0	235	- 40			

Above value is the latest test result and it can be some difference in extent that there is no effect in performance.

Vacuum pump/Bearing/Machine oil

• Typical Properties (Vacuum Pump Oil)

Product	Viscosity cSt, 40	Flash Point	Pour Point	Steam pressure Torr (25 °C)
EM 350	46.0	230	-15.0	
EM 300	68.0	236	-15.0	5 × 10 ⁻⁴
EM Syn 500	68.0	240	-50.0	

• Typical Properties (Bearing Oil & Machine Oil)

Product	Specific Gravity 15/4	Kinematic Viscosity (40 °C cSt)	Viscosity Index	Others
Bearing 2 ~ 460	0.85	ISO VG 2 ~ 460	-	Bearing Oil
Lac 2 ~ 460	0.85	ISO VG 2 ~ 460	-	Machine Oil

Above value is the latest test result and it can be some difference in extent that there is no effect in performance.

Refrigerating machine oil (Ester, PAO, PAGs, Alkylbenzene)

• Usage

- All freezing compressor(reciprocating, rotating , centrifugal), Refrigerator's Airconditioning
- Can use with some refrigerant Freon, ammonia etc.
- Can not use with sulfur dioxide (SO₂)

• Typical Properties

Product	Specific Gravity 15/4	Kinematic Viscosity cSt, 40	Flash Point	Pour Point	Color ASTM	Total Acid mgKOH/g	Corrosive Test (100 3h)
HI - FREEZE 10	0.880	10	160	-50	L0.5	0.01	1a
HI - FREEZE 15	0.880	15	180	-50	L0.5	0.01	1a
HI - FREEZE 22	0.880	22	185	-45	L0.5	0.01	1a
HI - FREEZE 32	0.880	29	205	-45	L0.5	0.01	1a
HI - FREEZE 46	0.881	46	210	-45	L0.5	0.01	1a
HI - FREEZE 68	0.882	68	210	-45	L0.5	0.01	1a

Above value is the latest test result and it can be some difference in extent that there is no effect in performance.

Process oil series

• Characteristic

- It is suitable fine paraffin process oil in chemistry process with rubber.
- Carbon of paraffin side chain is dominating more than 50% of all carbon chemically.
- Because have very stable color about light and train, it is most suitable as process oil of change of color product such as light color and white product manufacture.

• Typical Properties

Product	Specific Gravity 15/4	Kinematic Viscosity cSt, 40	Flash Point	Aniline Point	Pour Point	Color ASTM	Total Acid Value mgKOH/g
P-1	0.872	10.5	160	89	-17.5	L0.5	0.01
P-2	0.867	22.5	220	92	-17.5	L0.5	0.01
P-3	0.872	45.7	210	115	-17.5	L1.5	0.01
P-4	0.879	96.0	250	110	-15.0	L1.5	0.01
P-6	0.893	480	302	129	-12.5	L1.5	0.01

Above value is the latest test result and it can be some difference in extent that there is no effect in performance.

Turbine oil series

• Usage

- Lubrication of gas & steam turbine, bearings of several kind of machine
- Lubrication of circulating system(reduction gear and fluid coupling etc.)

• Typical Properties (Mineral oil base)

Product	Specific Gravity 15/4	Kinematic Viscosity cSt		Flash Point	Total Acid mgKOH/g	Pour Point	Corrosive Test (100 3h)	
		40	100					
THRBIN 32	0.871	32	5.3	210	0.01	-15.0	1a	
THRBIN 46	0.877	46	6.8	220	0.01	-15.0	1a	
THRBIN 68	0.881	68	8.8	230	0.01	-12.5	1a	
THRBIN 100	0.885	100	11.4	245	0.01	-12.5	1a	

• Typical Properties (Ester basestock biodegradable)

Product	Specific Gravity 15/4	Kinematic Viscosity cSt		Flash Point	Total Acid mgKOH/g	Pour Point	Corrosive Test (100 3h)	
		40	100					
THRBIN Syn 32	0.88	32.0	7.0	230	175	-50	1a	
THRBIN Syn 46	0.88	46.0	9.0	230	175	-50	1a	
THRBIN Syn 68	0.88	68.0	12.0	230	175	-50	1a	

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General purpose oil (White oil)

• Usage

Petrochemical, synthetic rubber, special rubber, fertilizer industry release agent, tableware, food package, diluent and plasticizer of plastic, bread and seasoned laver manufacture release agent

• Typical Properties

Product	Specific Gravity 15/4	Kinematic Viscosity (40 cSt)	Flash Point	Viscosity Index	Pour Point
HP - 080	0.875	7.85	180	78	- 25.0
HS - 080	0.864	8.56	158	60	- 35.0
HS - 220	0.854	20.5	210	106	- 17.5
HS - 320	0.861	29.5	220	101	- 15.0
HS - 980	0.876	96.5	238	98	- 20.0
EU - 300	0.830	12.7	206	107	- 27.5
EU - 300L	0.831	13.3	205	98	- 42.5
EU - 400	0.829	20.0	232	125	- 12.5
EU - 600	0.835	35.5	243	135	- 15.0
EU - 800	0.845	47.3	260	131	- 15.0
HS - 460	0.865	46.0	215	105	- 15.0
HS - 800	0.843	47.1	260	131	- 15.0
HS - 500L	0.869	90.24	252	105	- 15.0
SYN - 20	0.877	13.5	186	36	- 50.0

Above value is the latest test result and it can be some difference in extent that there is no effect in performance.

Liquid paraffin series

• Food & Cosmetics Oil

- Liquid paraffin for food and cosmetics made by Ministry of Health and Welfare food additive code and cosmetics material standard.
- By the best purity and stability, it is the most representative food industry oil of liquid paraffin.
- Usage : Diluent and plasticizer (tableware, food package, plastic etc.), Release agent(bread and seasoned laver manufacture), Lubricant and rust preventing oil(food manufacture machine), Anti-foaming agent(manufacture with glue for food) for making food, Coating oils(fruit, vegetables, egg etc.), Surface sealing layer for fermentation process, Moisture absorption prevention agent of wrapping paper(fruit, vegetables, meat), Drawing, Stamping oil when making cooking foil, Bases for various cosmetics

• Typical Properties

Product	Specific Gravity 15/4	Kinematic Viscosity cSt, 40	Flash Point	Reactivity	Pour Point	Color ASTM	Corrosive Test (100 3h)
UDP-80L	0.863	8.56	158		-35.0		
UDP-200	0.853	20.5	210		-17.5		
UDP-300	0.861	29.5	220		-15.0		
UDP-900	0.876	96.2	238	none	-20.0	+30	1a
UDP-30L	0.829	12.7	206		-25.0		
UDP-40L	0.829	19.6	230		-12.5		
UDP-60L	0.835	35.7	242		-15.0		

Above value is the latest test result and it can be some difference in extent that there is no effect in performance.

Quenching oil (Heat treating oil)

• Usage

Quenching oil has enough hardening ability and no danger of transformation or crack conception therefore is applied in alloy steel, carbon steel, cast iron and various heat treatments of steel products.

• Typical Properties (Mineral Oil base)

Product	Specific Gravity 15/4	Kinematic Viscosity cSt 40	Flash Point	To burn	Cooling performance		Others
					Characteristic temperature	Cooling sec. (800~400)	
A 101	0.870	17.0	210	230	620	2.80	
A 201	0.875	23.6	214	250	610	3.71	
A 301	0.891	491.1	310	365	680	5.20	

• Typical Properties (Synthetic Oil base Water-soluble)

Product	Specific Gravity 15/4	Kinematic Viscosity cSt 40	pH	Others
Quench B	1.08	300	9.5	5~25
Quench HF	1.08	320	9.5	

Above value is the latest test result and it can be some difference in extent that there is no effect in performance.

Metalworking fluid

• Typical Properties (Insoluble Type)

Product	Korean industrial Standard (KS)	Kinematic Viscosity cSt, 40	Fatty Oil Content %	Chlorine Content %	Sulfur Content %	Copper Corrosive Test		Flash Point	Pour Point	Four-ball Test MPa
						100	150			
HOMCUT 101	1/1	10	3 ~ 8				1	70	-5	0.10
HOMCUT 102	1/2	10	8 ~ 15				1	70	-5	0.10
HOMCUT 103	1/3	10	15				1	70	-5	0.10
HOMCUT 104	1/4	10	3 ~ 8				1	130	-5	0.15
HOMCUT 105	1/5	10	8 ~ 15				1	130	-5	0.15
HOMCUT 106	1/6	10	15				1	130	-5	0.15
HOMCUT 201	2/1	10		1 ~ 5	5	2	2	70	-5	0.20
HOMCUT 202	2/2	10		5 ~ 15	5	2	2	70	-5	0.20
HOMCUT 203	2/3	10 ~ 50	3 ~ 10	1 ~ 5	5	2	2	130	-5	0.20
HOMCUT 204	2/4	10 ~ 50	3 ~ 10	5 ~ 15	5	2	2	130	-5	0.20
HOMCUT 205	2/5	10 ~ 50	10	1 ~ 5	5	2	2	130	-5	0.20
HOMCUT 206	2/6	10 ~ 50	10	5 ~ 15	5	2	2	130	-5	0.20
HOMCUT 211	2/11	10		1 ~ 5	5	3		70	-5	0.25
HOMCUT 212	2/12	10		5 ~ 15	5	3		70	-5	0.25
HOMCUT 213	2/13	10 ~ 50	3 ~ 10	1 ~ 5	5	3		130	-5	0.25
HOMCUT 214	2/14	10 ~ 50	3 ~ 10	5 ~ 15	5	3		130	-5	0.25
HOMCUT 215	2/15	10 ~ 50	10	1 ~ 5	5	3		130	-5	0.25
HOMCUT 216	2/16	10 ~ 50	10	5 ~ 15	5	3		130	-5	0.25
HOMCUT 217	2/17	50		5 ~ 15	5	3		150		0.25

Above value is the latest test result and it can be some difference in extent that there is no effect in performance.

Metalworking fluid

• Typical Properties (Water-soluble Type)

Product	Korean industrial Standard (KS)	Surface Tension (dyn/cm)	pH	Chlorine Content %	Sulfur Content %	Non-volatilization Content %	Foaming Test mL	Metal Collosion (48h)	Emulsification Stability (24h)
CTE 200A	W1/1		9.5		0	97	0	Pass	Pass
CTE 200B	W1/1		9.5		0	97	0	Pass	Pass
CTE 200C	W1/1		9.5		0	97	0	Pass	Pass
CTE 200D	W1/2		9.5	2 ~ 3	0	90	0	Pass	Pass
CTE 200G	W1/2		9.5	2 ~ 3	0	90	0	Pass	Pass
CTE 200F	W1/3		9.3		0	90	0	Pass	Pass
CTE 200H	W1/3		9.3		0	90	0	Pass	Pass
CTE 300A	W2/1	28 ~ 32	9.5		0	39	0	Pass	
CTE 300B	W2/1	28 ~ 32	9.5		0	39	0	Pass	
CTE 300C	W2/1	28 ~ 32	9.5		0	39	0	Pass	
CTE 300D	W2/2	28 ~ 32	9.5	2 ~ 3	0	39	0	Pass	
CTE 300G	W2/2	28 ~ 32	9.5	2 ~ 3	0	39	0	Pass	
CTE 300F	W2/3	28 ~ 32	9.3		0	39	0	Pass	
CTE 300H	W2/3	28 ~ 32	9.3		0	39	0	Pass	

Above value is the latest test result and it can be some difference in extent that there is no effect in performance.

Use a water soluble cutting oil and hydraulic oil & slide-way oil

• Characteristic

- Machine operation lubricant : used by undiluted solution
- Water-soluble cutting oil : used by 3~10% diluted solution

• Typical Properties

Product	Specific Gravity 15/4	Kinematic Viscosity cSt 40	Total Acid mgKOH/g	Pour Point	Corrosive Test (100 3h)
CTE 600	0.871	68	0.01	-40.0	1a

Metalworking process mist oil (Cool wind, spray form)

• Characteristic

- Ester basestock biodegradable mist MWFs

• Typical Properties

Product	Specific Gravity 15/4	Kinematic Viscosity cSt 40	Total Acid mgKOH/g	Pour Point	Corrosive Test (100 3h)
MIT 260	0.90	26	0.05	-40.0	1a
MIT 320	0.90	32	0.05	-35.0	1a

Above value is the latest test result and it can be some difference in extent that there is no effect in performance.

High temperature chain oil

• Typical Properties

Product	Specific Gravity 15/4	Kinematic Viscosity cSt		Flash Point	Viscosity Index	Pour Point
		40	100			
Chin Oil 220	0.948	215	21.0	250	115	-30
Chin Oil 260	0.950	260	30.0	220	155	-35

Grease

• Typical Properties

Product	Worked Penetration	Worked Stability	Oil Separation (100 24 h)	Evaporation Loss (99 24h)	Oxidation Stability (kgf/cm ²)	Copper Corrosive Test (100 24h)	Others
HM 7052M	270	325	1.3	0.38	0.4	Pass	High temperature
HB 3102	295	345	1.0	0.15	0.1	Pass	Urea

Above value is the latest test result and it can be some difference in extent that there is no effect in performance.

Oil spill dispersants

- **Characteristic**

Low toxicity, High performance oil dispersant (Hydrocarbon solvent type, concentration type) undiluted solution or emulsified solution by spray scattering

- **Typical Properties**

Product	Specific Gravity 15/4	Kinematic Viscosity cSt 40	Flash Point	Others
Clean 1000	0.89	8.7	165	Hydrocarbon Solvent Type
Clean 5000	0.88	6.0	145	Concentration Type

Lamp oil

- **Typical Properties**

Product	Specific Gravity 15/4	Kinematic Viscosity (25 cSt)	Flash Point	Refractive Index at 20	Saybolt Colour
Lamp 200 D	0.7995	2.25	77	1.4411	+30
Lamp 200 M	0.790	2.12	78	1.437	+30
Lamp 200 L	0.773	1.38	65	1.429	+30

Above value is the latest test result and it can be some difference in extent that there is no effect in performance.

Oilless bearing oil(di-ester basestock biodegradable)

• Usage

Office & Measurement & Precision Machine, Oilless Bearing & Anti-wear Bearing, Aircraft Parts, Low Temperature Lubricant, Freezing Motor & Machine, Vacuum Pump

• Typical Properties

Product	Specific Gravity 15/4	Kinematic Viscosity cSt 40	Viscosity Index	Pour Point	Application
Oilless 2	0.90	5.0	170	-60	-50~120
Oilless 5	0.90	5.5	210	-70	-60~120
Oilless 36	0.90	36.0	200	-55	-50~170
Oilless 60	0.90	60.0	187	-50	-30~230
Oilless 70	0.90	70.0	185	-50	-30~230

Plastic working oil

• Typical Properties (Mineral Oil base)

Product	Kinematic Viscosity cSt, 40	Flash Point	Four-ball Test Mpa
Heading Oil 500	46.0	220	0.15
Drawing & Extrusion Oil 2004	36.0	300	0.15
Forging Oil 2004	46.0	220	0.15

Above value is the latest test result and it can be some difference in extent that there is no effect in performance.

Certificate of Registration

Awarded to

주식회사 이득

경북 경산시 자인면 교촌리 380-7, 자인지방산업단지 7B-5L

*Quality Certification Bureau Inc. 는 위 회사의
품질경영시스템을 아래와 같이
인증합니다.*

인증 번호 : 02-2208

등록 일자 : 2002. 11. 1

적용 표준 : ISO 9001:2000

인증 범위 : 산업용윤활유의 제조, 판매 및 부가서비스



Accredited by
the Dutch Council
for Accreditation



Quality Certification Bureau Inc. 등록담당 이사



Certificate of Registration

Awarded to

주식회사 이득

경북 경산시 자인면 교촌리 380-7, 자인지방산업단지 7B-5L

Quality Certification Bureau Inc. 는 위 회사의
환경경영시스템을 아래와 같이
인증합니다.

인증 번호 : 02-2208
등록 일자 : 2002. 12. 09
적용 표준 : ISO 14001:1996
인증 범위 : 산업용윤활유의 제조, 판매 및 부가서비스



Accredited by
the Dutch Council
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Quality Certification
Bureau Inc.

등록 담당 이사

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KS M 2126, 2127


SA  KSA


한국산업규격 표시인증서


인증번호 : 제 00-1552 호
제조업체명 : (주)이득
대표자성명 : 윤용봉
공장(사업장)소재지 : 경상북도 경산시 자인면 고촌리 380-7
규격표시품
- 규격명 : 기계유
- 규격번호 : KS M 2126
- 종류·등급 또는 호칭 : - 2L

산업표준화법 제18조의 규정에 의한 인증심사를 실시한 결과 한국산업규격과 인증심사기준에 적합하므로 산업표준화법 제11조(제12조·제13조)의 규정에 의하여 위와 같이 한국산업규격표시를 인증합니다.

2000년 9월 8일

한국표준협회 회장 정몽헌 

SA  KSA

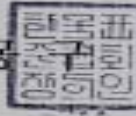
SA  KSA

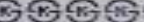
한국산업규격 표시인증서

인증번호 : 제 00-1553 호
제조업체명 : (주)이득
대표자성명 : 윤용봉
공장(사업장)소재지 : 경상북도 경산시 자인면 고촌리 380-7
규격표시품
- 규격명 : 기계유
- 규격번호 : KS M 2127
- 종류·등급 또는 호칭 : 공업용 2중, 2L

산업표준화법 제18조의 규정에 의한 인증심사를 실시한 결과 한국산업규격과 인증심사기준에 적합하므로 산업표준화법 제11조(제12조·제13조)의 규정에 의하여 위와 같이 한국산업규격표시를 인증합니다.

2000년 9월 8일

한국표준협회 회장 정몽헌 

SA  KSA

KS M 2501, 2114

SA KSA

한국산업규격 표시인증서

인증번호 : 제 00-1526 호
제조업체명 : (주)이덕
대표자성명 : 윤을용
공장(사업장)소재지 : 경상북도 경산시 자인면 고촌리 380-7
규격표시품
- 규격명 : 열처리유
- 규격번호 : KS M 2501
- 종류·등급 또는 호칭 : - 급

산업표준화법 제18조의 규정에 의한 인증심사를 실시한 결과 한국산업규격과 인증심사기준에 적합하므로 산업표준화법 제11조(제12조·제13조)의 규정에 의하여 위와 같이 한국산업규격표시를 인증합니다.

2000년 9월 8일

한국표준협회 회장 정몽규

SA KSA

한국산업규격 표시인증서

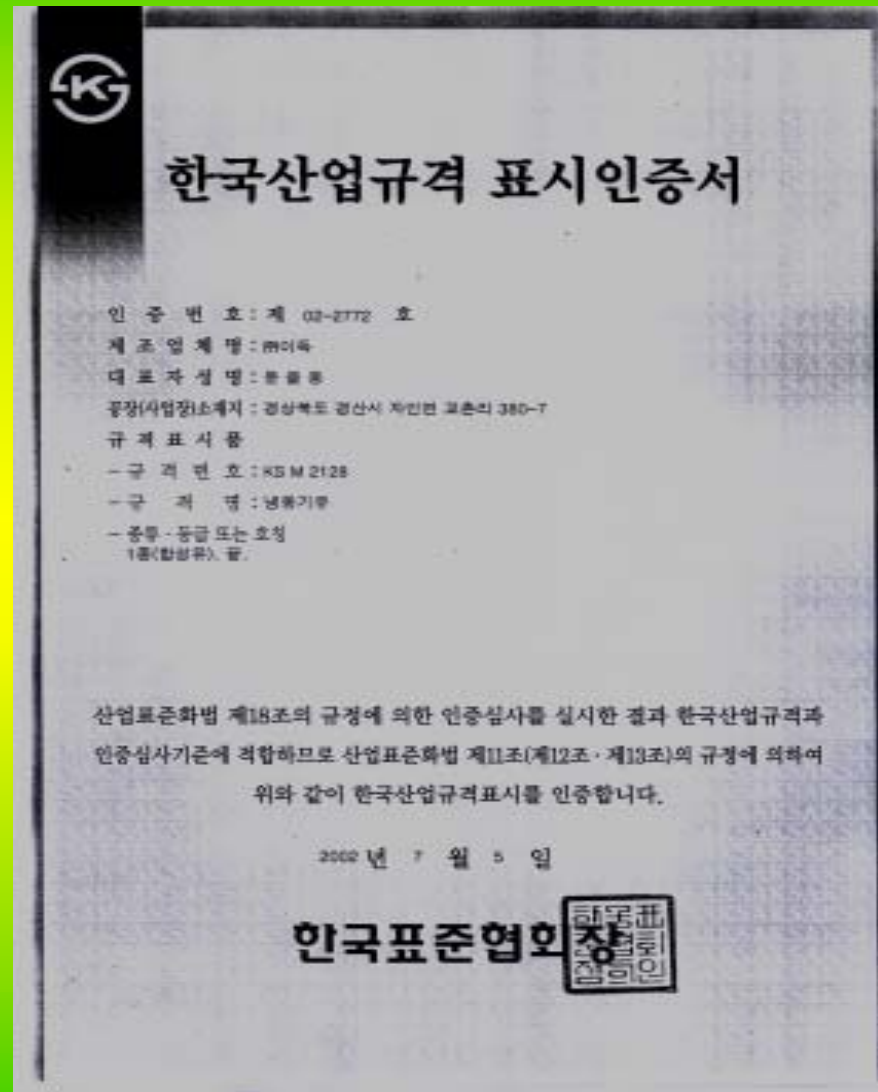
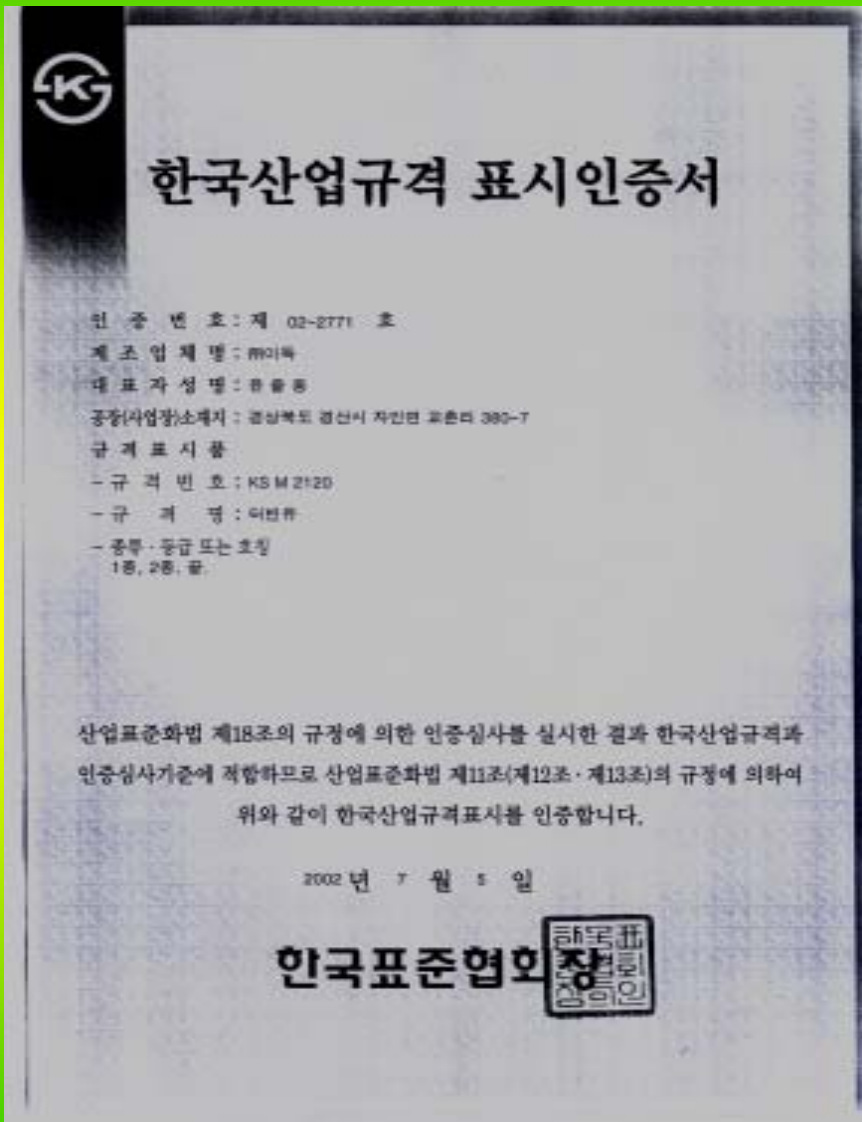
인증번호 : 제 02-2770 호
제조업체명 : 이덕
대표자성명 : 윤을용
공장(사업장)소재지 : 경상북도 경산시 자인면 고촌리 380-7
규격표시품
- 규격번호 : KS M 2114
- 규격명 : 배어형 윤활유
- 종류·등급 또는 호칭 : - 급

산업표준화법 제18조의 규정에 의한 인증심사를 실시한 결과 한국산업규격과 인증심사기준에 적합하므로 산업표준화법 제11조(제12조·제13조)의 규정에 의하여 위와 같이 한국산업규격표시를 인증합니다.

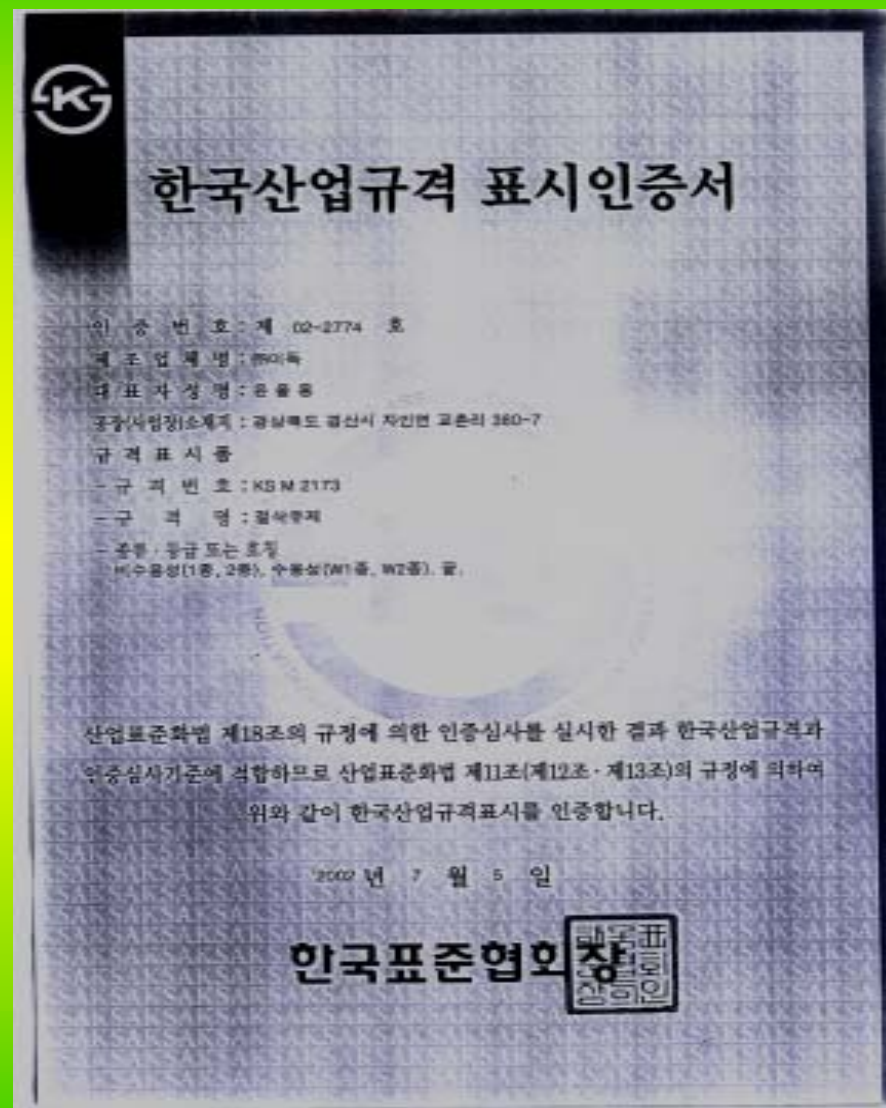
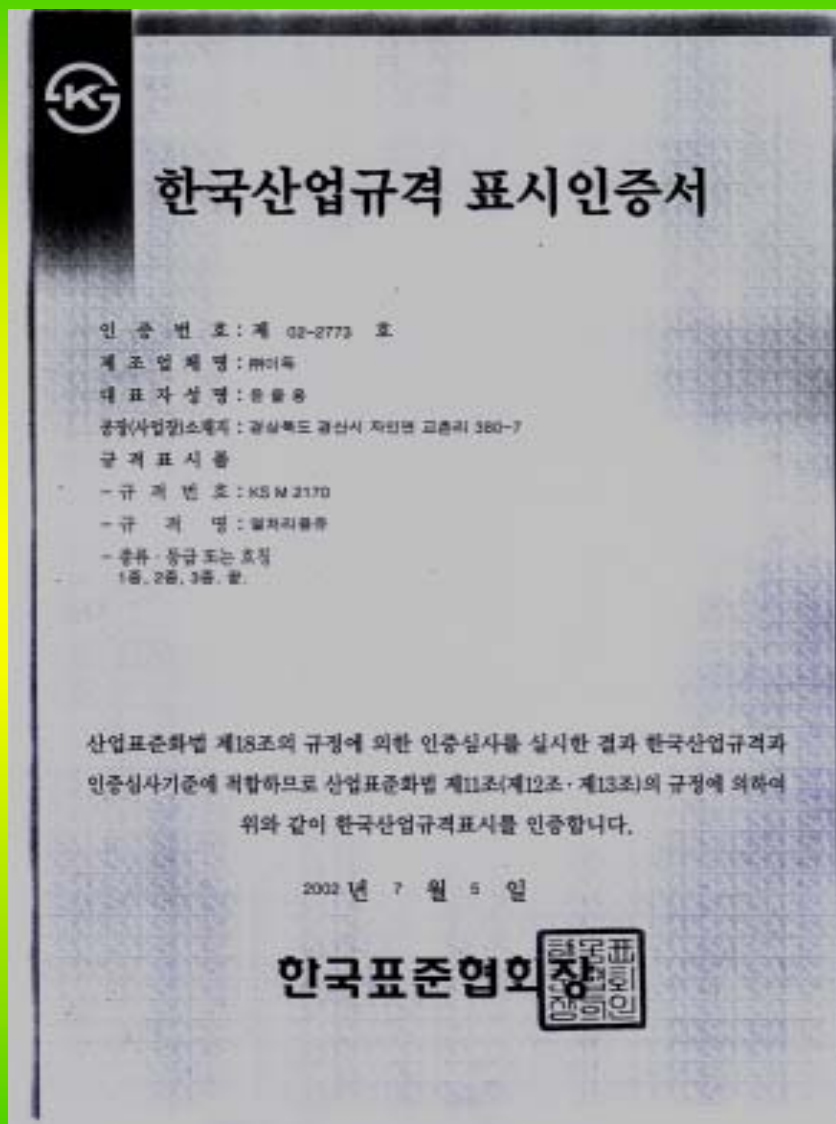
2002년 7월 5일

한국표준협회 회장 정몽규

KS M 2120, 2128



KS M 2170, 2173




KS M 2500,


한국산업규격 표시인증서

인증번호 : 제 02-2275 호
 제조업체명 : 이득
 대표자성명 : 윤을용
 공장(사업장)소재지 : 경상북도 경산시 자인면 교촌리 380-7
 규격표시품
 규격번호 : KS M 2500
 규격명 : 입축기유
 종류·등급 또는 호칭 :
 글

산업표준화법 제18조의 규정에 의한 인증심사를 실시한 결과 한국산업규격과 인증심사기준에 적합하므로 산업표준화법 제11조(제12조·제13조)의 규정에 의하여 위와 같이 한국산업규격표시를 인증합니다.

2002년 7월 5일

한국표준협회 




우수제품마크인증서

인증번호 : 제 기기-69호
 제조업체명 : (주) 이득
 대표자성명 : 윤을용
 소재지 : 경북 경산시 자인면 교촌리 380-7
 인증품목 : 기계유, 기어유(공업용 2종), 유압작동유, 프로세스유[1종1호], 열매체유, 윤활유[유동과라핀, 케어링윤활유, 압축기유, 터빈유(1종), 열처리용유(1종,2종,3종), 냉동기유(1종)], 절삭유[1종, 2종, W1종, W2종] 글.

중소기업진흥및제품구매촉진에 관한 법률 제11조의2 제3항의 규정에 의하여 위와 같이 우수제품마크를 인증합니다.

* 2002. 9. 28. 최초 20부만 인증서에 대한 인증번호 추가임

2002년 3월 19일

중소기업청 

제 1243 호

부품·소재전문기업확인서

업 체 명 : (주)이득

대 표 자 : 윤을용

소 제 지 : 경북 경산시 자인면 교촌리 380-7

위 업체는 부품·소재전문기업등의육성에
관한특별조치법시행령 제3조제3항의 규정에
의하여 부품·소재전문기업임을 확인합니다.

2004년 5월 13일

산업자원부장관



제 20021206 호

기업부설연구소인정서

1. 연구 소 명 : (주)이득 부설화학연구소

[소속기업명 : (주)이득]

2. 소 제 지 : 경북 경산시 자인면 교촌리 380-7

3. 신고연월일 : 2002년 1월 30일



기술개발촉진법 제16조 및 동법 시행령 제15조 제1항의
규정에 의하여 위와 같이 기업부설연구소로 인정합니다.

2002년 2월 25일

한국산업기술진흥협회장

