

COMPANY PROFILE

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| Corporate Name | SHIRADO CHEMICAL WORKS LIMITED |
| Head office | 1-11-6, Fukuura, Kanazawa-ku, Yokohama, Kanagawa, 236-0004 Japan |
| Establishment | June 1951 |
| Capital | 39 million yen |
| Main banks | MUFG Bank, Ltd. The Bank of Yokohama, Ltd. The Yokohama Shinkin Bank, Ltd The Shouko Chukin Bank, Ltd. |
| Representative | Hiroko Shirado |
| Directors | Kazuhiro Shirado, Manageing Director Masayuki Shirado, Auditor |

HISTORY

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| June 1951 | Color Dye business started in Totsuka-ku, Yokohama City |
| Nov 1953 | Moved to New Plant located in Hodogaya, Yokohama City |
| Nov 1969 | Organization & company name changed |
| Aug 1982 | Relocated Head factory and office in Kanazawa-ku |
| June 2008 | Expanded site area |
| July 2011 | Relocated office & completion of the 2 nd processing plant |
| July 2018 | Added filling line |
| August 2018 | Signed a distributor agreement with Italmatch Chemicals SpA |



MAIN PRODUCTS

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| Dye sales division | <ul style="list-style-type: none"> • Oil color(oil soluble powder dye) for Petroleum products, Solvent & Resins • Liquid Color for Fuels, Automotive Lubricants and Industrial Fluids, Greases, etc. • Liquid Color NA type for Lubricants, Greases(none-Azo color used) • Oil Spill Detective Dyes for Machines, Hydraulic Equipment • Alcohol Color for LLC, Water soluble Glycol type Hydraulic oils and cutting oils • Identification Agents for Fuels and Lubricants • Various Industrial Lubricants |
| Additive sales division | <ul style="list-style-type: none"> • Performance packages and components that contain ZDDP, phosphorus and sulfur for lubricants. • Polymeric esters ,complex and conventional esters • Corrosion inhibitors such as octyl phosphonic acid |

MAIN CUSTOMERS

ENEOS Corporation
Idemitsu Kosan Co., Ltd.
Cosmo Oil Co., Ltd
Showa Shell Oil Co., Ltd
Fuji Oil Co., Ltd.
TOA Oil Co., Ltd.
Cosmo Oil Lubricants Co., Ltd.
Shell Lubricants Japan Co., Ltd.
NIKKO SANGYO CO., LTD.
NIPPON GREASE CO., LTD.

NIPPECO LTD.
Sugimura Chemical Industrial Co., Ltd.
YUSHIRO CHEMICAL INDUSTRY CO., LTD
PALACE CHAMICAL CO., LTD.
MORESCO Corporation
Kyodou Yushi Co., Ltd
Japan Sun Oil Co. Ltd.
Mitsubishi Corporation
Marubeni Corporation

All major lubric ants blenders for Auto and Industrial fluids

The current trend of Lubes and Fuels in The Japanese Oil company

1. Shirado Chemical has enjoyed dyes business with all oil company.
2. Actually, Shirado Chemical now has confidence to achieve 60-70% share in japanese dyes market for Gasoline and Lubricants.
3. In addition, they have obtained the business of greases, explosive and resins by using powder type dyes, because all the applications do not been formulated with solvents.
4. Shirado's color dye annual sales
Fuels: 90-100MT in 2018
Lubricants and others: 70-80MT in 2018

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