



## MACHINE OIL

### PRODUCT DESCRIPTION:

Machine oil are industrial oils without additives intended for general purpose industrial systems lubrication. They are made of solvent refined base oils and provide system efficiency of industrial machines and mechanisms which are not required additional oxidation and corrosion protection.

### APPLICATION:

- General industrial lubrication
- Some industrial hydraulic systems under low loads and pressures
- Lightly loaded industrial gears and bearings where special characteristics are not required
- Base stock in production of additives, greases and metalworking fluids
- Not applicable for systems requiring oils with anti-wear, anti-oxidation, anti-corrosion, EP and anti-stick-slip properties

### TYPICAL PROPERTIES:

PARAMETERS	TEST METHOD	MACHINE OIL			
		15	32	68	100
Grade		15	32	68	100
Kinematic Viscosity @40°C, mm <sup>2</sup> /s	ASTM D 445	14.0	31.5	68.5	98.5
Flash Point (COC), °C	ASTM D92	179	210	236	246
Pour Point, °C	ASTM D97	-15	-15	-15	-15
Total Acid Number, mg KOH/g	ASTM D664	absence	0.04	0.04	0.04
Ash, wt%	ASTM D482	0.002	0.005	0.005	0.005
Density @15°C, kg/m <sup>3</sup>	ASTM D4052	TBR	TBR	TBR	TBR
ASTM Color	ASTM D1500	0.5	1.5	2.0	2.0

**DISCLAIMER:** The test data provided above is not a specification but is indicative and may vary within permissible production tolerances. Lubrex reserves the right to modify this test data. Updated information will supersede previous versions, so please refer to the latest version of this Technical Data Sheet (TDS).

### HEALTH & SAFETY, ENVIRONMENT:

Prolonged and repeated contact with oil may cause skin disorders. Avoid contact. Wash immediately with soap and water. Do not discharge used oil in to drains or the environment. Dispose to an authorized used oil collection point. For further information on Safety Guidelines please refer to MSDS available on our website [www.lubrex.net](http://www.lubrex.net)

### HEALTH & SAFETY:

This product is not likely to present any significant health or safety hazards when properly used in the recommended application and good standards of personal hygiene are maintained. Reference is made to the Safety Data Sheet (SDS) which is available on request via your local sales office or via the internet [www.lubrex.net](http://www.lubrex.net)

### PROTECT THE ENVIRONMENT:

Take used oil to an authorized collection point. Comply with local regulation. Do not discharge into drains, soil or water.

### STORAGE:

We recommend to store all packages under cover. In case outside storage is unavoidable, drums should be laid horizontally to avoid the possible ingress of water and damage to drum markings. Products should never be stored above 60°C, exposed to hot sun or freezing conditions.

™ Trademark of LUBREX, Registered in Various Countries © 2005

All statements, information and data presented herein are believed to be accurate and reliable, but are not to be taken as a guarantee, an express warranty or an implied warranty of merchantability or fitness for a particular purpose, or representation, express or implied, for which LUBREX and its affiliates assume legal responsibility.