



PRODUCT INFORMATION

SUPER 1 LUBE CONCENTRATE

CHARACTERISTICS

SUPER 1 LUBE CONCENTRATE is a highly developed additive which can be used as an EP (extreme pressure) improver to mineral, -semi synthetic and synthetic oils and fluids with great advantage.

SUPER 1 LUBE CONCENTRATE is a high performance additive, to gasoline and diesel type Motor oils, Hydraulic oils, Machine oils, Metal working fluids and Gear oils etc.

SUPER 1 LUBE CONCENTRATE is a petrochemical high-tech product which ensures optimum lubrication and surface protection to all moving parts. Lower the friction and reduces the normal wear to a minimum with a lower working temperature and reduced energy consumption as a result.

SUPER 1 LUBE CONCENTRATE has shown incredibly good results during laboratory tests and practical field test. These tests show examples of a 30% reduction in friction, just as measuring show a reduction in wear and tear by up to 50%.

SUPER 1 LUBE CONCENTRATE does not contain any additives which chemically change the oils it is added to, neither does it change the viscosity of the oil when added as prescribed.

QUALITIES & ADVANTAGES

- Extended lifetime on the oil and all components, lower maintenance cost, eliminates problems with seized piston rings and sticking valves.
- Keeps deposits in the combustion chambers and on the valve heads to a minimum.

ANTI-WEAR AND TEAR QUALITIES

- The strengthening film on the metal surfaces reduces the normal wear and tear on the engine and other mechanical components by up to 50% and increases the life expectancy of the components.
- Increases EP (Extreme Pressure)
- Resistant to oxidation.

CORROSION INHIBITOR

- Protects all metal surfaces against corrosion. Resistant to acids and salt water.
- Extremely water repellent.

TYPICAL AREAS OF APPLICATION:

- Engines
- Forestry
- Stationary engines
- Gear and hydraulic systems
- Contractor materials
- Lubrication of industrial machines
- Transportation equipment
- Compressors
- Agricultural equipment
- Mining

SUPER 1 LUBE CONCENTRATE - continued

APPLICATION

- Can be recommended for use in diesel engines which operate under very difficult conditions.
- Can also be recommended in petrol/gasoline engines which operate under very difficult conditions.
- Shows immediate results under normal working conditions.

SPECIFICATION:

LUBE CONCENTRATE fulfils the US Military Specification MIL-L 2104E, MIL-L 2105B, MIL-L 46152B and also API Service CE-SG, CCMC D5-G5.

- Under extreme operation conditions, where working temperatures is above 100°C, its recommended not to add and mix the product with oils holding lead based additives.
- The product is suitable for gear oils with the classified specification API GL4 and GL5.

SUPER 1 LUBE CONCENTRATE meets the requirements of classification NISG 8029 class 6850 of the US Government General Service Administration

TYPICAL ADDITION PERCENTAGES:

GASOLINE & DIESEL ENGINE OILS	6% (Older engines add. first time max. 4%)
AUTOMOTIVE GEAR & DIFFERENTIALS	6%
AUTOMOTIVE HYDRAULIC SYSTEMS	7%
INDUSTRIAL HYDRAULIC SYSTEMS	7%
INDUSTRIAL TRANSMISSIONS	6%

These mixing percentages are the maximum and **only** added in connection with oil and filter change.

PHYSICAL DATA

VISCOSITY Cinematically (cSt) mm ² /s at 40°C	16.92
VISCOSITY Cinematically (cSt) mm ² /s at 100°C	3.14
E° at 50°C	2.2
POUR POINT, °C	÷24
FLASH POINT COC, °C	83
FLASH POINT PM, °C	58
BOILING POINT, °C	232
SPEC. GRAVITY at 20°C	1.17
TAN mg KOH/G	0.22
PH-VALUE	5-7