



*The Ultimate Lubricant*

# 608

## **DESCRIPTION:**

Omega 608 is a chain and way lubricant specially engineered for a wide range of applications. It is a combination of superb, select base oils and highly-fortified extreme pressure supplements. It provides exceptional protection and substantially increases the operating life of equipment.

## **EXTENDED LIFE:**

Compared with ordinary oils, Omega 608 has a superior degree of tenacity. It forms a tough, anti-compressive film that prevents seeping out and moving away from the contact areas. Thus, equipment life is greatly extended.

## **VERSATILITY:**

Omega 608 is ideal for motorcycle and bicycle chains, conveyor chains, printing machine chains, chain saws, machine ways, trolleys, hookways, mines, etc.

## **OXIDATION RESISTANCE:**

Unlike ordinary oils that promote the accumulation of damaging deposits - such as gums, varnishes and metal-destroying carbonaceous deposits - Omega 608 helps keep applied surfaces free from blockage that would hinder smooth operation.

## **HIGH VISCOSITY:**

When exposed to moisture, ordinary oils wash out, leaving the metal surface unprotected. Omega 608 features high adhesiveness agents that, despite the presence of water (constant or under pressure), provides total protection.

## **LOAD CARRYING CAPABILITY:**

The base oil and supplements of Omega 608 are fortified with extreme pressure constituents. With this remarkable property, it can resist shock, load and impact and is highly recommended for even severe operating conditions. Omega 608 prevents stick slip on machine slideways.

## **WATER COMPATIBILITY:**

Omega 608 maintains lubrication even under oil/water conditions. Ordinary oils have inadequate emulsive qualities. Thus, water seeps into the equipment easily, causing corrosion and oxidation which rapidly forms cancerous internal rusting.

## **ENERGY ECONOMY:**

Omega 608 is designed to penetrate "oil line feeders", providing the necessary lubrication for chains and ways. Ordinary oils tend to thin out at high temperature, providing inadequate sealing to rails and ways. Rapid gum formation and sludge build-up not only slows the equipment down but also increases energy consumption.

**TYPICAL DATA:**

TEST	ASTM TEST METHOD	TEST RESULT		
		SAE30	SAE40	SAE50
ISO Viscosity Grade	D-2422	100	150	220
Density, Kg/L @ 15.0°C	D-1298	0.892	0.897	0.905
Viscosity, cSt @ 40.0°C	D-445	100	150	220
Viscosity, cSt @ 100.0°C	D-445	11.6	15.2	19.1
Viscosity Index	D-2270	104	102	102
Flash Point, COC, °C(°F)	D-92	237(459)	255(491)	257(495)
Pour Point, °C(°F)	D-97	-24(-11)	-24(-11)	-23(-9.4)
Total Acid Number, mg KOH/g	D-664	0.20	0.19	0.19
Carbon Residue, Conradson, % Mass	D-524	0.07	0.10	0.11
Rust-Preventing Characteristics	D-665	Pass	Pass	Pass
Copper Strip Corrosion, 3 hours @ 100°C	D-130	1a	1a	1a
Ash, % Mass	D-482	Nil	Nil	Nil
Steam Emulsion Number	IP-19	1200+	1200+	1200+
Timken OK Load, Kgs	D-2782	34	34	34
4-Ball, Wear Scar Dia, mm	D-2266	0.30	0.30	0.30
FZG, Stages Passed	DIN 51354	12	12	12

The characteristics given above are typical of current production only and slight batch to batch variations should be expected.