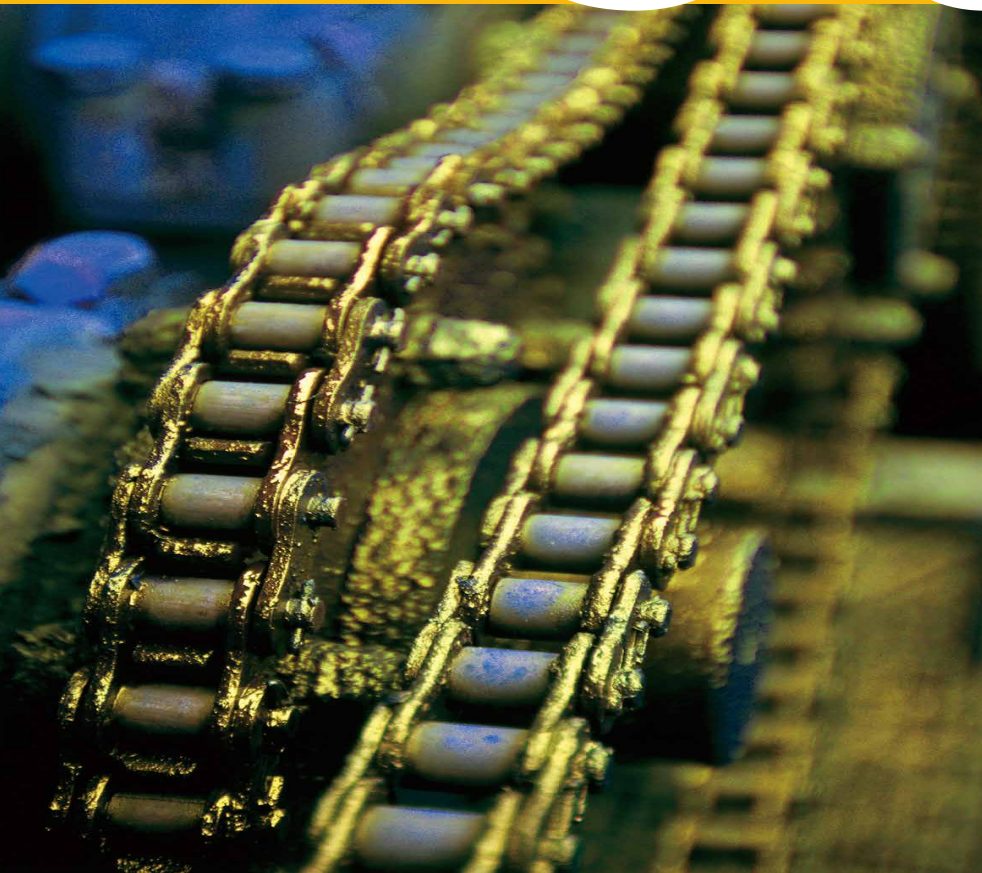




608

OMEGA 608 Superior Chain & Way Lubricant



Superior Chain & Way Lubricant

- *Maintains lubrication even under oil/water conditions.*
- *Outstanding formulation – resists oil oxidation and protects metals from corrosion.*
- *Has high film strength – will not break down under heavy loads.*

TRUST *Save Money*
OMEGA *Enhance Performance*
TO *Extend Service Life*



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PERFORMANCE
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OMEGA ULTIMATE LUBRICANTS

SPECIAL FEATURES

Omega 608 Superior Chain & Way Lubricant is the scientifically tested and proven advanced oil that keeps chains and ways operating under severe conditions.

- **Omega 608** maintains lubrication even under oil/water conditions.
- **Omega 608** features an outstanding formulation – resists oil oxidation and protects metals from corrosion.
- **Omega 608** has high film strength – will not break down even under heavy loads.

OUTSTANDING PROPERTIES

Omega 608 is the superior chain and way lubricant that:

- Contains Omega's unique "Megalite" supplement to coat and protect metal surfaces and significantly reduce metal-to-metal contact.
- Provides excellent adhesion – resists migration and fling-off to stay tenaciously where it is needed.
- Prevents scored, cracked and broken chains as well as worn rail failures.
- Has no unpleasant odor and does not cause "eye burning" as ordinary lubricants often do.

USE FOR

Chains and ways operating under severe conditions require reliable, long-lasting lubrication. **Omega 608** has a high film strength that protects chains and ways against both wear and corrosion.

Omega 608 is a superb combination of selected base oils and highly fortified extreme-pressure supplements designed to substantially increase the service life of your equipment, cutting maintenance and downtime.

Use **Omega 608** for:

- Motorcycle Chains • Bicycle Chains • Conveyor Chains • Printing Machine Chains • Guides • Chain Saws • Machine Ways • Trolleys • Hook Ways • Conveyor Mechanisms • And more ...



Omega

The Ultimate Lubricant

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The information contained in this publication is to the best of our knowledge and accurate at the time of issue in October, 2016



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.