Ωmega®
The Ultimate Lubricant

904

OMEGA 904 Industrial Oil Concentrate

Industrial Oil Concentrate

TRUST OMEGA TO
Save Money
Enhance Performance
Extend Service Life

- *Special fortifying additives reduce lubricant oxidation & related problems.*
- *Provides increased lubricity for enhanced performance.*
- *Extends interval between oil changes – saves you money!*

ITW PERFORMANCE POLYMERS & FLUIDS®
KOREA

ITW

SPECIAL FEATURES

Omega 904 Industrial Oil Concentrate is scientifically designed to significantly improve machinery operating efficiency and reduce costly maintenance downtime.

- **Omega 904** is quality formulated with special fortifying additives to reduce lubricant oxidation and related problems including acid formation and sludge accumulation.
- **Omega 904** provides increased lubricity for enhanced performance.
- **Omega 904** extends interval between oil changes to save you money.

OUTSTANDING PROPERTIES

Omega 904 is the industrial oil concentrate that:

- Is fortified with extreme pressure additives to prolong oil service life.
- Smoothes and enhances machine performance.
- Reduces sludge, varnish and carbon build-up
- Significantly reduces heat and wear.

USE FOR

Omega 904 does not alter the viscosity of an oil, but ensures it remains stable throughout its operational temperature range. **Omega 904** resists thinning at high temperatures, yet will remain sufficiently thin for lubrication at low temperatures.

Omega 904 can be successfully applied to all lubrication systems, including

• Bath • Wick-feed • Drip-feed • Closed • Pressure-fed.

Use **Omega 904** for:

- Transmission • V-drives • Variators • Reducers • Transfers
- And all forms of gearboxes (excluding automatic transmissions).

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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

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DESCRIPTION:

Omega 904 is an industrial oil concentrate, scientifically designed to improve operating efficiency and reduce maintenance downtime.

SPECIAL ADDITIVES:

Omega 904 contains special fortifying additives, including Extreme Pressure 'EP', anti-wear and anti-oxidation.

The EP and anti-wear additives allow safe and efficient operation under high-load conditions. As pressure on the moving parts increases, ordinary oils are squeezed out, and the resultant metal-to-metal contact causes localized welding. As the pressure continues, the welds shear and are evident as areas of severe wear. Omega 904 reacts with the surface of the metal and forms a chemical compound that provides lubrication, even under extreme pressure, and therefore pre-vents any damage to the metals.

When oxidation of a petroleum lubricant takes place, its viscosity is increased and Petroleum Oxyacids (acidic contaminants) are formed. Omega 904's anti-oxidation additives eliminate these undesirable effects and give the oil a greatly extended useful service life.

REDUCED FRICTION:

Omega 904's high film strength enables it to maintain a protective, lubricating film between the surfaces in contact, and therefore, reduces 'drag' and high operating temperatures. It also eliminates shearing, galling, plucking and seizing of machine and equipment parts.

VERSATILITY:

Omega 904 is so versatile that it can be used in all forms of gear boxes, transfers, transmissions and Vee-drives. It can also be used for all automatic or semi-automatic lube systems and can be applied to all oil lubrication systems.

APPLICATION:

Omega 904 can be applied to all lubrication systems: bath, wick-feed, drip-feed and closed or pressure-fed. It can be used in transmissions, V-drives, variators, reducers, transfers and all forms of gearboxes - excluding automatic transmissions.

Add 5% maximum by volume for hydraulic systems and up to 20% for gear systems.

TYPICAL DATA:

TEST	ASTM EST METHOD	TEST RESULT
Viscosity @ 100°C, cSt	D-455	800-1200
Flash Point, °C (°F)	D-992	204(400)

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

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