



Omega
The Ultimate Lubricant

904

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)