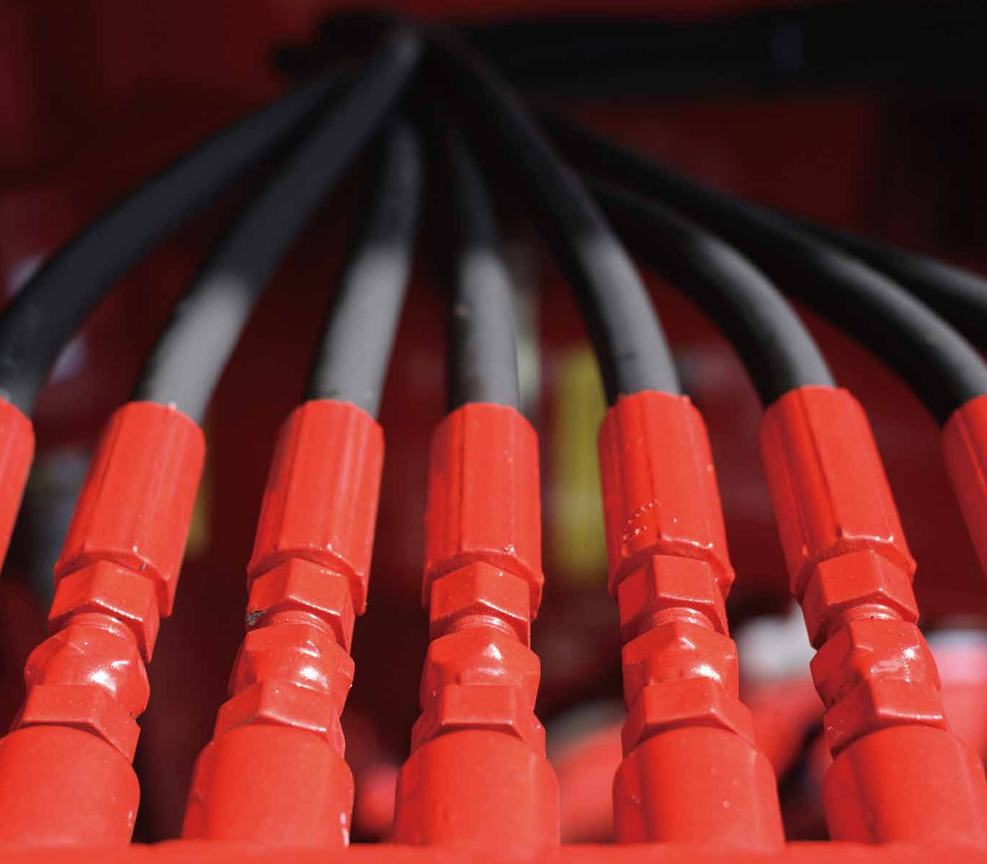




Central Lub System Grease

- *Quality formulated specially for CS (Central System) lubrication.*
- *Positively will not harden – gives highest standard of long-distance pumpability.*
- *Stands up to extreme-pressure & high-shock applications.*

TRUST OMEGA TO Save Money Enhance Performance Extend Service Life



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SPECIAL FEATURES

Omega 59 Central Lub System Grease is designed with outstanding low temperature pumpability.

- **Omega 59** is quality formulated with temperature-resistant thickeners especially for CS lubrication applications.
- **Omega 59** positively will not harden and gives the highest standard of long-distance pumpability essential for successful CS use.
- **Omega 59** is precision engineered not to separate or bleed even – under extreme-pressure and high-shock conditions.

OUTSTANDING PROPERTIES

Omega 59 is the central lubrication system grease that:

- Provides superior heat resistance – melting point at least 38°C (100°F) higher than ordinary greases.
- Has high oil-to-thickener ratio to ensure superior pumpability.
- Features Omega's Unique "Megalite" additives to coat and protect metal surfaces and defeat friction and wear.
- Resists water and wash-out – special agents prevent corrosion and oxidation.

USE FOR

Omega 59 retains the proper consistency so that it can be easily pumped through the lines, yet at the same time it is not too light to protect bearings. In standard tests **Omega 59** has shown a consistency change of less than 10%, while ordinary greases thin by more than 25%. Roller tests show that **Omega 59** thins less than 14%, while ordinary greases thin by as much as 50%.

Omega 59 can be successfully employed in any and all CS equipment. **Omega 59** can be applied manually or automatically to achieve optimum results.



Omega

The Ultimate Lubricant

ITW PPFK reserves the right to modify or change this product for purposes of improving its performance characteristics.
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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

DESCRIPTION:

Omega 59 is a sophisticated, pre-stabilized CS (Central System) lubricant. It can be applied both manually and automatically. It provides the essential high standard of long-distance pumpability demanded by CS-user industries. Pumping distances of up to 1,100 m. (3,600 ft.) without booster pumps have been achieved.

SPECIAL THICKNESS:

Omega 59 contains special temperature-resistant thickeners. These supplements provide the level of stability required for long-distance lubrication. Precise quantities of centrinitic demaskers ensure total surface protection on metal-to-metal contact areas.

SUPPLEMENTS:

Anti-oxidants	Yes
Climatic Adjustors	Yes
Contaminant Resistors	Yes
Demulsifiers	Yes
Organo-Montmorillonite	Yes
Performance Improvers	Yes
Rust Inhibitors	Yes
Shear-stability Improvers	Yes
Vibration Resistors	Yes

UNIQUE CAPABILITY:

Omega 59 has a marked capacity to penetrate and permeate exceedingly difficult lubricant areas. A 7% concentration of specially-developed gellants provide the means with which to retain its loose characteristics. This capability is brought about by the inclusion of organo-montmorillonite (also known as "Monite") which promotes a 'plating' action, forming a liquid-wedge preventing metal-to-metal contact and resultant wear.

OPERATIONAL EFFICIENCY:

Omega 59 actually promotes, through highly developed ionic inclusions, a long-term high-speed equipment efficiency in Central Systems. Contaminants are kept out and corrosion and oxidation are kept to a minimum.

APPLICATION:

Omega 59 can be used in any and all CS equipment. It can be applied manually or automatically.

TYPICAL DATA:

TEST	ASTM TEST METHOD	TEST RESULT
Mineral Oil Base: -		
Viscosity @210°F (98.8°C), SUS	D-88	80
Flash Point, COC, °C	D-92	249
Pour Point, °C	D-97	-23
Drop Point, °C	D-2265	260+
Worked Penetration @77°F, 150 gm. cone	D-217	265-295
Timken OK Load, lbs. min.	D-2509	40
Bearing Stability	D-1741	Excellent
Copper Corrosion Test	D-1402	Excellent
Humidity Corrosion @18°C, %	D-5319	0.01
Evaporation Loss	D-972	Minimal
Oil Separation, @100°C, 30 hrs. %	D-1742	3.1
NLGI Grade	-	#2
Operating Temperature Range, °C	-	-20 to 204
Color	-	Golden Bronze

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