



The Ultimate Lubricant

59

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-566	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