



TECHNICAL DATA SHEET

OBLUBE 607 – HIGH VISCOSITY INDEX HYDRAULIC OIL

Product Description:

OBLube 607 Hydraulic Oil is a multi-grade, very high viscosity index, anti-wear hydraulic oil. It is blended from virgin paraffinic base oils, shear-stable viscosity index improvers and a superior anti-wear package that provides superior performance over ordinary hydraulic oils.

Benefits:

OBLube 607 provides:

- Extremely high viscosity index
- Small viscosity fluctuations over large operating temperature range
- Excellent anti-wear protection
- Excellent oxidative and thermal stability
- Excellent anti-rust properties
- Excellent anti-foaming and air release properties
- Excellent resistance to sludge formation
- Excellent high temperature & low temperature properties
- Low volatility characteristics
- Very good hydrolytic stability
- Very good demulsibility and water separation properties

Applications:

OBLube 607 can be used on hydraulic and circulatory systems:

- Which are subjected to low temperature start-ups and high temperature operating conditions
- Which requires the load-carrying protection of an anti-wear hydraulic oil
- Which requires the lubrication abilities of an oil that would reduce wear to a minimum over conventional hydraulic oils
- Where very large temperature fluctuations are expected
- Where contamination of small amounts of water are expected
- Where sludge and deposit formation are evident on conventional oils
- Wherein various metals are employed
- Wherein the oil is exposed to varying elastomer and gasketing materials.

Typical Physical Characteristics:

OBLUBE 607 – SAE 10W / 40							
Properties	Unit	Test Method		Properties	Unit	Test Method	
Density @ 15°C	kg / L	ASTM D 4052	0.890	Neutralization Number	mg KOH / gram	ASTM D 974	0.60
Viscosity @ 40°C	cSt	ASTM D 445	99	Foaming Tendency	ml / ml	ASTM D 892	20 / 0
Viscosity @ 100°C	cSt	ASTM D 445	13.5	Shear Stability – Viscosity Loss @ 40°C	%	DIN 51382	3.3
Viscosity Index		ASTM D 2770	136	Shear Stability – Viscosity Loss @ 100°C	%	DIN 51382	3.3
Pour Point	°C	ASTM D 97	- 33	Pump Wear Test		Vickers 104C	Pass
Flash Point	°C	ASTM D 92	240	Pump Wear Test		Vickers 35VQ5	Pass

Health and Safety:

OBLube Lubricants are unlikely to present any significant health or safety hazard when properly used in the recommended application and good standards of personal hygiene are maintained. Use gloves which are impervious to oil and chemicals when handling used oils. Avoid skin contact. If lubricants come in contact with skin, wash immediately with soap and water.

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