

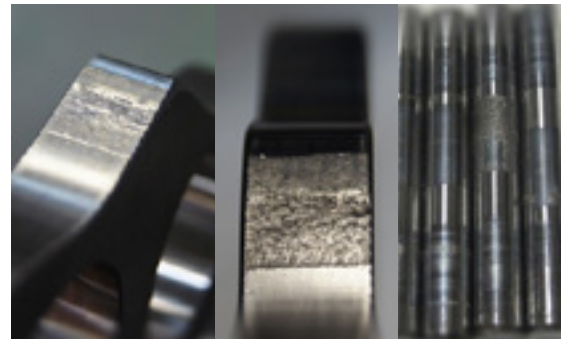
HI-SHOCK 150

DRIVING DOWN COST

Synthetic Gear Lubricant

After 5 years of testing in both the laboratory and the field, ExxonMobil, in partnership with Sumitomo Machine Corp. of America has formulated a unique, high-performance synthetic lubricant, Hi-Shock 150.

The revolutionary formulation significantly reduces internal friction, substantially extending operational life.



Lubrication failure is the most common limitation on Cyclo® life.

Mobil SHC™ Hi-Shock 150 is the only synthetic oil approved by Sumitomo Drive Technologies for general use.

Lower Total Cost of Ownership

The exceptional oxidation resistance provides better lubrication, for longer, significantly extending service intervals.

Full Synthetic

The PAO-based formula is compatible with both mineral oils and PAO synthetic oil, simplifying conversions.

Enhanced Performance

The radically different lubricant film properties provide a considerable increase in Cyclo® life.

Three and Four Year Warranty

Units shipped pre-filled are eligible for our extended warranty program. Contact your local SMA representative for details.

Typical Properties

Viscosity @ 40°C, ASTM D 445	150 cSt
Pour Point, ASTM D 97	-36°C
Demulsibility, Total Free Water, ASTM D 2711	85 mL
Viscosity Index, ASTM D 2270	115
Total Acid Number, ASTM D 664	0.9 mgKOH/g
Foaming Characteristics, ASTM D 892, Seq. II, Tendency/Stability	10 mL / 0 mL
Viscosity @ 100°C, ASTM D 445	16.3 cSt
Density @ 15.6°C, ASTM D 4052	0.88 kg/L
Rust protection, ASTM D 665, Sea Water	PASS
Flash Point, ASTM D 92	240°C
Water Separability, ASTM D 1401, Time to 37 water at 82°C	10 mins
Copper Strip Corrosion, ASTM D 130, 3 hours @ 100°C	1A
FZG Scuffing, A/8.3/90, ISO 14635-1, Fail Stage	12+

