

L-643NS "NO SHEEN" HYDRAULIC OIL

Revised 10-1-09

DESCRIPTION

L-643NS "No Sheen" Hydraulic Oil is a premium antiwear hydraulic oil specifically designed for use in areas sensitive to leaks and/or incidental discharge to the environment.

L-643NS "No Sheen" Hydraulic Oil is made from severely hydrotreated base stocks and an ashless (zinc-free) additive system that provides superior oxidation stability, water demulsibility, foam suppression and protection against wear, rust and corrosion.

L-643NS "No Sheen" Hydraulic Oil meets the performance requirements of traditional antiwear hydraulic oils, particularly in severe, high output applications such as axial piston pumps.

(Inherently more environmentally friendly and more biodegradable vs. conventional Premium AW Hydraulic Oils.)

QUALITIES & BENEFITS

- Excellent oxidation stability means long service life and cost savings
- Outperforms other fluids in high efficiency (high temperature, high output) applications where severe stress conditions are placed on the hydraulic fluid
- Exemplary antiwear properties which provide the best in wear protection
- Inherently more environmentally friendly thus minimizing any long term environmental concerns.
- Suitable for conventional recycling programs unlike vegetable hydraulic oils
- 99.52% Raw Materials used are manufactured in the U.S.A.(Louisiana)
- Aromatic-free and have passed the U.S. Coast Guard static sheen test requirements
- Exceeds the U.S. EPA LC-50 (96 HR.) test requirements for mysidopsis-bahia shrimp, rainbow trout and fathead minnow.

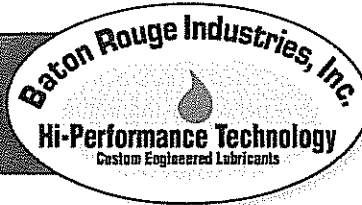
APPLICATIONS

L-643NS "No Sheen" Hydraulic Oil designed to use in mobile and stationary hydraulic vane, piston, and gear type pumps that are situated in environmentally sensitive areas. They are particularly suited to high performance industrial applications which utilize axial piston pumps and pressures may exceed 10,000 psi.

L-643NS "No Sheen" Hydraulic Oil meets the requirements of *:

- Denison HF-0, HF-2
- Cincinnati Machine P 68 (ISO 32), P-70 (ISO 46), P 69 (ISO 68)
- Vickers for use in M2950-S (mobile) and I-286-S 35VQ25 pump test

PRODUCT INFORMATION



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SPECIFICATIONS

ISO VG	32	46	68	100	220
API Gravity, ASTM D 4052	32.1	31.6	31.1	30.6	29.9
Pounds per gallon	7.1	7.2	7.3	7.4	7.4
Flash Point, ASTM D92, °F	385	407	410	412	412
Pour Point, ASTM D97, °F	-26	-26	-26	-5	0
Viscosity, ASTM D445					
cSt at 40°C	32	46	68	100	220
cSt at 100°C	6	7	8.9	11.9	19
Water Separation, ASTM D 1401, minutes					
at 130°F	15	15	15	-	-
at 180°F	-	-	-	-	-
Viscosity Index, ASTM D2270	106	106	106	106	100
Four-Ball Wear, ASTM D 2266					
Scar, mm at 20 Kg	.30	.30	.30	.30	.30
Scar, mm at 40 Kg	.37	.37	.37	.37	.37
Oxidation Stability, ASTM D 943, hrs to 2.0 AN	15000+	15000+	15000+	15000+	15000+
FDZ LOAD STAGE PASS DIN 51354	12	12	12	12	12

**For Product Information Sheets and Material Safety Data Sheets,
 Please visit our website: BatonRougeIndustries.com**