

* PRODUCT INFORMATION *

HUSKEY™ LPC SERIES GEAR OILS

DESCRIPTION

HUSKEY LPC GEAR OILS are high performance, full synthetic, all-purpose gear oils formulated with **HUSKEY'S** new proprietary SEM (Surface Eutectic Modification) additive. The revolutionary new SEM technology makes it a Lower Power Consumption (LPC) gear oil, hence the name LPC Gear Oil. They offer maximum wear protection under extreme operating conditions such as vibrations, scuffing, oscillating motions and shock loads, where metal asperity contact occurs. Because of the thermally and mechanically stable polyalphaolefin base oils and SEM technology, **HUSKEY LPC GEAR OILS** give extra protection to micro-pitting due to asperity contact. In addition, compared to both conventional mineral and synthetic gear oils the **HUSKEY LPC GEAR OILS** have proven they can lower operating temperatures of the gear box resulting in lower power costs. Due to their high viscosity index they provide effortless startup even during cold temperatures; yet give extra wear protection in high temperature applications. The added antifoam protection gives extra protection to high speed gear boxes. In addition, the demulsification properties of **HUSKEY LPC GEAR OILS** provide very fast separation from water contamination. They meet or exceed all *major gear oil specifications, original equipment manufacturer requirements and wind turbine manufacturers.

USAGE

HUSKEY LPC GEAR OILS may be used on all worm, spur, herringbone and planetary industrial gear sets. Some applications include highly loaded gear boxes used in the paper, steel, oil, textile, lumber and cement industries where gear protection and maximum oil life are required. Because they protect against micro-pitting wear, have excellent filterability and a wide temperature range, **HUSKEY LPC GEAR OILS** are highly recommended for wind turbine gear boxes.

ADVANTAGES

- **Excellent Load Carrying Capacity Reduces Micro-Pitting at High Shock Loads.**
- **Protects Against Rust, Corrosion, Foaming, and has Excellent Demulsibility.**
- **Reduces Energy Consumption and Operating Temperature**
- **High Viscosity Index Base Oils Reduce Viscosity Change with Temperature**
- **Clean Gear Technology Reduces Deposits and Residues at High Temperatures.**
- **Helps Quiet Worn and Noisy Gears**



HUSKEY Specialty Lubricants

manufactured by HUSK-ITT Corporation / SPECIALTY LUBRICANTS Corporation

Western Region Office:

1580 Industrial Avenue, Norco, California 92860
(951) 340-4000 • Fax: (951) 340-4011
(888) 4-HUSKEY • www.huskey.com

Eastern Region Office:

8300 Corporate Park Drive, Macedonia, Ohio 44056
(330) 425-2567 • Fax: (330) 425-9637
(800) 238-LUBE

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TYPICAL PROPERTIES

DESCRIPTION: *HUSKEY* Product:

LPC GEAR OILS

Color:

Brown

Base Oil:

Synthetic

ISO Grades	220	320	460
Oil Viscosity, ASTM D-445, cSt @ 40 °C	220	320	460
cSt @ 100° C	30	40	51
Viscosity Index, min, ASTM D-2270	179	178	175
Flash Point, °F, ASTM D-92	540	550	558
Pour Point, ° F, ASTM D-97	- 45	- 37	- 25
Rust Test, Proc. A & B, ASTM-D-665	PASS	PASS	PASS
FZG Micro-pitting, FVA Pro. #54			
Fail Stage	>10	>10	>10
GFT Class	High	High	High
Micro Pitting Area, %, Endurance Test	10	9	8
Average Roughness, microns, Endurance	6	5	5
Water Tolerance, ASTM D-1401, minutes to less than 3 mils emulsion	10	10	10
Foam Test, ml foam, ASTM D-892	0/0/0	0/0/0	0/0/0
FZG Scuffing, DIN 51354, Load Stage Pass	14+	14+	14+
4-Ball Wear Scar, mm, ASTM D-4172 (40 kg, 1 hr. @ 1200 rpm, 75° C)	0.40	0.36	0.29
Timken OK Load, lbs., ASTM D-2782	90	90	90

PACKAGE AVAILABILITY

Convenient 1 gal. jugs (4 jugs per case)
5 gal. Pails, 15 gal. Kegs and 55 gal. Drums

- * Meets API GL-4 requirements
- * Meets AGMA 9005-E02 requirements
- * Meets SAE J 2360 requirements
- * Meets U.S. Steel Specification AIST 224
- * Bijur Filtering, SKF and FAG requirements
- * Meets Flender AG micropitting requirements

The name of this product or group of products is for product identification only. HUSK-ITT CORPORATION makes no warranties, representations or conditions of any kind expressed or implied whether for merchantability or fitness with respect to these products. The final determination of the suitability of the products for the application contemplated by the user is the sole responsibility of the buyer. HUSK-ITT CORPORATION sales personnel are not authorized to amend this warranty limitation. 06/10



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