

## PROPOSED EXAMPLES FOR ENES 5 – ATC/ATIEL LUBRICANTS SUPPLY CHAIN

**Example 1 - ATC: Gear additive package, which has a maximum range of treat rate 14% in the finished fluid.**

Product	Hazard Classification
Additive pack	Xi, R43, R52/53
Finished lubricant	R52/53

Use Groups:

A – Formulation

B – General Use of Lubricants and Greases in vehicles and machinery (Gear oil)

The antioxidant is 2,6 DTBP

The anti-wear additive is a weak/moderate sensitizer

### Addpack composition:

Component	Additive Pack	Finished Lubricant	Hazard Classification (Components)
Mineral oil	qa	qa	Non-hazardous
Extreme pressure additive	10 – 19.9	1 – 4.9	R53
Anti-wear additive	1 – 2.4	0.1 – 0.5	Xi, R36/38, R43 N, R51/53
Dispersant	5 – 9.9	1 – 4.9	Non-hazardous
Antioxidant	1 – 2.4	0.1 – 0.5	Xi, R38, N, R50/53

**Example 2 - ATIEL: Lubricant end use: Synthetic Hydraulic Oil**

Product Classification: R20 R52/53

Use Group: B – Use of lubricants and greases in vehicles and machinery (closed systems)

Product composition: SDS Section 3:

**SECTION 3: Composition/information on ingredients****Substance/mixture:** Mixture. Synthetic base stock. Proprietary performance additives

Product/ingredient name	Identifiers	%	67/548/EEC	Regulation (EC) No. 1272/2008 [CLP]	Type
Dec-1-ene, dimers, hydrogenated	REACH #: 01-211949**** EC: 500-228-5 CAS: 68649-11-6	>=50 - <75	Xn; R20, R65	Acute Tox 4, H332	[1]
tris(methylphenyl) phosphate	EC: 215-548-8 CAS: 1330-78-5	>=0.5 - <2.5	Repr. Cat. 3; R62 N: R50/53	Repr. 2, H361f Aquatic Acute 1, H400 Aquatic Chronic 1, H410	[1]
n-phenyl-1-naphthylamine	REACH #: 01-211948**** EC: 201-983-0 CAS: 90-30-2	>=0.25 - <1	Xn: R22, R48/22, R43 N: R50/53	Acute Tox 4, H302 Skin Sens 1, H317 STOT RE 2, H373 Aquatic Chronic 1, H410	[1]
Non-classified components		to 100			

[1] Substance classified with a health or environmental component